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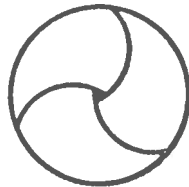
AN ANALYSIS OF POPULATION GROWTH AND CHANGE IN
SLOVENIA AND IN THE REST OF YUGOSLAVIA

Andrei Rogers and Susan McDougall

Department of City and Regional Planning
University of California, Berkeley

Working Paper No. 81

Center for Planning and Development Research



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This research has been supported by a grant from the Economic Development Administration, U. S. Department of Commerce. The data were collected by one of the authors during his association with the American-Yugoslav Project in Urban and Regional Studies, whose headquarters are in Ljubljana, Yugoslavia. The authors wish to acknowledge the assistance of the Urbanistični Institut in Ljubljana and, in particular, the efforts of Silvo Kranjec and Gregory Zore in the initial collection and processing of data.

June, 1968

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1. INTRODUCTION

Introduction

This paper reports on recent trends in the growth and distribution of the population of the Republic of Slovenia and of the aggregation of all other Yugoslav republics, hereafter referred to as "the rest of Yugoslavia."¹ We begin by describing the 1963 population, disaggregated by age, sex, and the two regions. Next, we analyze the components of growth, and then project the 1963 population to 1998 and, from 1998, to the stable state. Finally, we consider the population of one area within Slovenia, the fifteen communes of the Ljubljana Metropolitan Region, focusing on the intraregional population distribution of that area and its growth in relation to that of Slovenia as a whole.

Historical Perspective

Yugoslavia is composed of a number of republics, each having its own historical development; the various subnational populations, therefore, differ from each other in religion, language, family organization, and standard of living. Although our main concern is with Slovenia, we shall note differences between its population distribution and that of the rest of Yugoslavia.

In comparison with other European countries, Yugoslavia has a high fertility rate and a relatively high infant mortality rate. A high percentage of Yugoslavia's population works in agriculture and a low

percentage lives in urban areas. Compared with the rest of Europe, Yugoslavia's level of urbanization is exceptionally low. The extensive post-war industrialization has greatly increased the rate of urbanization, and the gap in level of urbanization between Yugoslavia and the rest of Europe is declining.²

Until 1961, Slovenia's birthrate had been constantly decreasing. From 1961 onward, however, the decrease has halted. It is not clear whether this halt is a transitional phenomenon caused by more marriages and more earlier marriages or represents a change in desired family size. The specific rate of marriage (that is, the number of marriages per marriageable, or single adult, inhabitant) is much lower in Slovenia than in Yugoslavia as a whole. There are two reasons for Slovenia's low rate: (1) its population is "old" and has a high percentage of marriageable people; (2) it has a disproportionate ratio of females to males and, consequently, a large number of unmarried females. Slovenia's general marriage rate (the number of marriages divided by the population) is higher than the Yugoslav average.³

Slovenia's mortality rate began decreasing about 1880, nearly one hundred years later than in the northern and western parts of Europe, and by 1960 was close to the European average. Infant mortality has been relatively low in Slovenia, compared with the rest of Yugoslavia, but the mortality of Slovenian males in the 15-24 age group is above the Yugoslav average. The percentage of deaths in this age group due to accident and violence is disproportionately high.⁴

There has been traditionally a large outmigration from Slovenia, but during the period from which the data have been taken (1961-1964),

there has been a net immigration.⁵ Slovenia's population has grown at a much slower rate than that of the rest of Yugoslavia, however, largely as a consequence of low fertility and excessive external migration.⁶

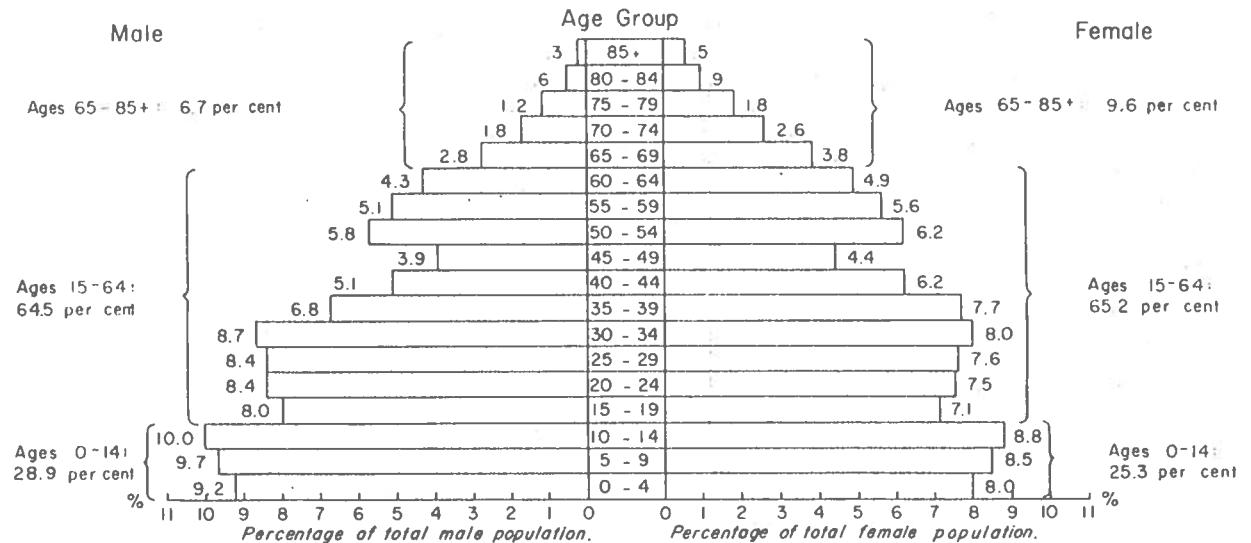
2. THE POPULATION

Taking 1963 as the starting date, we shall now compare the populations of Slovenia, of the rest of Yugoslavia, and of Yugoslavia as a whole. The population distributions by age and sex, summarized in Table I and Figure 1, are similar. The latter shows a pyramid base for Slovenia that is not as broad as those of the other two (Slovenia has 8.5 per cent of Yugoslavia's total population), but the three pyramid shapes are fairly regular except for the 40-44 age group, which represents an unusually small part of the population. This group was 20 to 24 years old during the Second World War, and war casualties undoubtedly account for its small number. Slovenia has a slightly greater proportion of women (52.3 per cent) than does the rest of Yugoslavia (50.9 per cent); the proportion in Yugoslavia as a whole is 51.0 per cent.

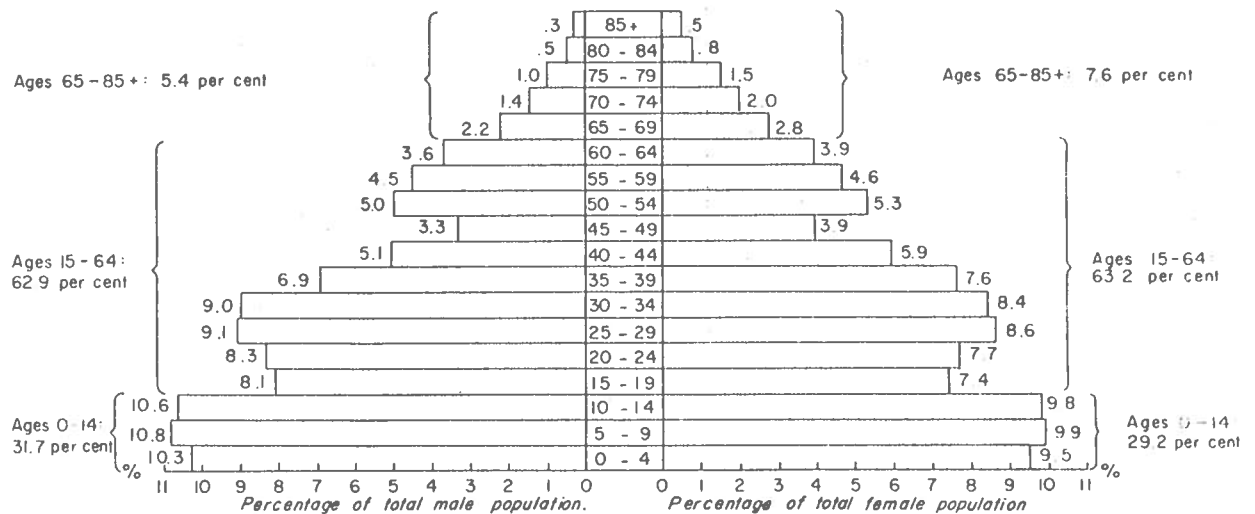
Note should be made of the two groups which together constitute the "dependent burden" carried by the active population: children (under 15 years) and the aged (65 years and over). In Slovenia, 35.6 per cent of all males and 34.9 per cent of females are in the dependent category; in the rest of Yugoslavia, the proportions are 37.1 and 36.8 per cent, respectively. In all cases there are more dependent male children and more dependent female aged, reflecting in part the larger number of males born and the longer life expectancy of females.

TABLE I
POPULATION OF YUGOSLAVIA, BY REGION, 1963
(in 000's)

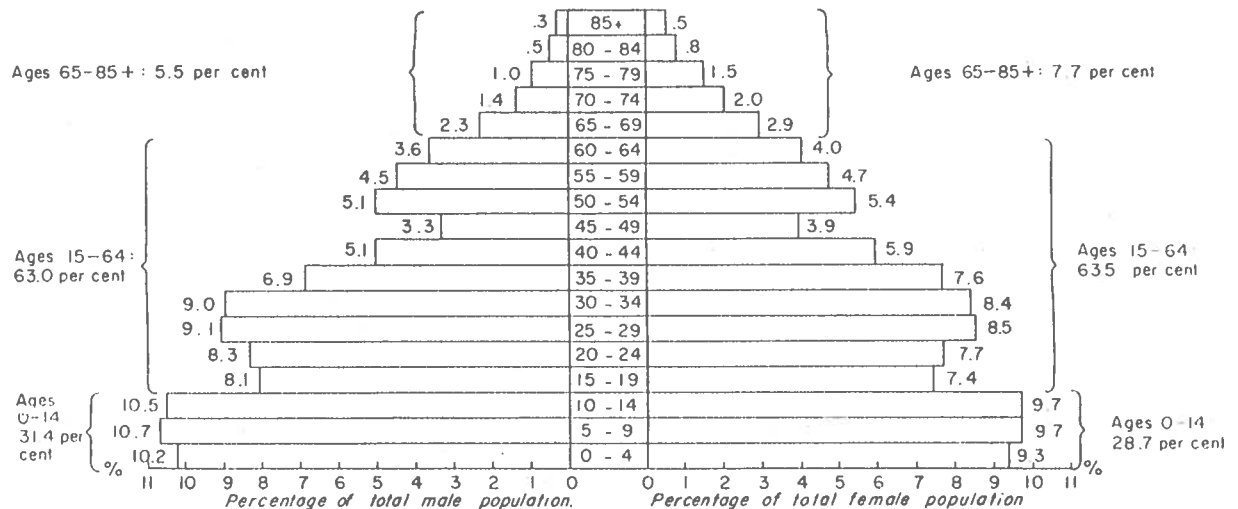
Age Group	Slovenia			Rest of Yugoslavia			Yugoslavia		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
0 - 4	70.8	67.4	138.2	885.9	839.0	1,724.9	956.7	906.4	1,863.1
5 - 9	75.2	71.6	146.8	928.9	874.8	1,803.7	1,004.1	946.4	1,950.5
10 - 14	77.0	74.4	151.4	908.3	868.1	1,776.4	985.3	942.5	1,927.8
15 - 19	61.9	60.3	122.2	691.2	660.5	1,351.7	753.1	720.8	1,473.9
20 - 24	64.6	63.7	128.3	714.8	687.5	1,402.3	779.4	751.2	1,530.6
25 - 29	65.3	64.3	129.6	782.9	760.4	1,543.3	848.2	824.7	1,672.9
30 - 34	66.9	68.0	134.9	769.8	748.1	1,517.9	836.7	816.1	1,652.8
35 - 39	52.9	64.8	117.7	592.0	676.8	1,268.9	644.9	741.6	1,386.6
40 - 44	39.1	52.1	91.2	435.1	520.8	955.9	474.2	572.9	1,047.1
45 - 49	30.4	37.5	67.9	280.4	344.5	624.9	310.8	382.0	692.8
50 - 54	44.8	52.4	97.2	427.4	472.8	900.2	472.2	525.2	997.4
55 - 59	39.8	47.2	87.0	384.8	406.3	791.1	424.6	453.5	878.1
60 - 64	33.0	41.5	74.5	304.3	345.9	650.2	337.3	387.4	724.7
65 - 69	21.9	32.3	54.2	190.6	251.1	441.7	212.5	283.4	495.9
70 - 74	13.7	21.9	35.6	119.7	176.5	296.2	133.4	198.4	331.8
75 - 79	9.0	15.3	24.3	84.3	128.9	213.2	93.3	144.2	237.5
80 - 84	4.3	7.5	11.8	44.5	68.6	113.1	48.8	76.1	124.9
85+	2.5	4.0	6.5	25.5	44.3	69.8	28.0	48.3	76.3
TOTAL	772.9	846.3	1,619.2	8,570.9	8,874.9	17,445.8	9,343.8	9,721.2	19,065.0



A. SLOVENIA



B. THE REST OF YUGOSLAVIA



C. YUGOSLAVIA AS A WHOLE

FIGURE 1. POPULATION DISTRIBUTIONS BY SEX AND AGE GROUP, 1963.

3. THE GROWTH REGIME

Mortality

The life table is a convenient way to represent the mortality pattern of a population. Such a table uses a hypothetical cohort of persons (usually 1,000 or 100,000) and presents its diminishment by death. The table is constructed from death statistics only, each column emphasizing a particular aspect of the mortality pattern of that population. Because a constant number of live births is assumed and no adjustment is made for migration, the table indicates the impact of mortality only. Mortality characteristics of a population are useful for projecting population growth and for reflecting population health standards, war losses, and other significant conditions.

This paper follows the usual practice of presenting separate life tables for males and females so that differences in pattern between the sexes, as well as between regions, can be noted. Abridged, sex-differentiated life tables were prepared for Slovenia, for the rest of Yugoslavia, and for Yugoslavia as a whole, using population and death statistics for a three-year period (1961-1963); these data are presented in Tables II through VII. Each table lists age groups by five-year intervals up to age eighty-five, and presents nine aspects of mortality. The first, headed m_x , defines the age specific death rate in each age group. The second, q_x , represents the probability of dying during a given interval. The third, p_x , denotes the probability of survival during each interval. Therefore p_x and q_x add up to unity for each age group. The fourth aspect, d_x , shows the number of deaths at each age in the life-table cohort; the fifth, l_x , defines the number who will survive in each age group.

The difference between two successive values of l_x , therefore, is the figure shown in d_x . The sixth aspect, L_x , shows the number of years lived by the life-table cohort in each age group. The seventh, s_x , is the survival ratio of one age group to the next; the eighth, T_x , is the total number of years lived after each age; and the ninth, e_x , shows the average remaining life expectancy (the number of years a person in an age group can expect to live.) It is assumed that everyone dies after eighty-five years. We have not presented the detailed calculations here; a description of the method used in this paper for preparing life tables may be found in Barclay's text.⁷

Substantial differences are found when these life tables are compared, whether by sex or by region. We are considering only two regions: Slovenia and the rest of Yugoslavia. The latter, being much larger, contributes more to the tables for Yugoslavia as a whole, but Slovenia's influence can be seen. There is little difference between the life tables for the rest of Yugoslavia and for Yugoslavia as a whole.

When the tables for males in Slovenia are compared with those for males in the rest of Yugoslavia (Tables II and IV), Slovenia's lower infant mortality rate is apparent: life expectancy at birth in Slovenia is 65.5 per cent as against 62.8 per cent for the rest of Yugoslavia. From birth on, however, the life expectancy for males in the rest of Yugoslavia is higher than for males in Slovenia.

Female life expectancy in Slovenia is also higher, not only at birth (71.8 as against 65.7 per cent), but through all age groups up to sixty years; the difference in life expectancy between Slovenian women and women in the rest of Yugoslavia is not as great at older ages as it is at birth. In short, the life tables show greater life expectancy in

TABLE II
LIFE TABLE: SLOVENIA, MALES, 1963

Age Group	(1) m_x	(2) q_x	(3) P_x	(4) d_x	(5) ℓ_x	(6) L_x	(7) s_x	(8) T_x	(9) e_x
0	.033385	.032420	.967580	3,242	100,000	97,730	----- *	6,555,897	65.56
1-4	.001374	.005481	.994519	530	96,757	385,971	.993211	6,458,167	66.75
5-9	.000600	.002994	.997006	288	96,227	480,417	.996902	6,072,195	63.10
10-14	.000641	.003201	.996799	307	95,939	478,929	.995119	5,591,778	58.28
15-19	.001317	.006566	.993434	627	95,632	476,592	.992223	5,112,848	53.46
20-24	.001807	.008996	.991004	854	95,004	472,885	.990569	4,636,256	48.80
25-29	.001984	.009871	.990129	929	94,149	468,425	.988883	4,163,370	44.22
30-34	.002491	.012376	.987624	1,153	93,220	463,218	.985210	3,694,945	39.64
35-39	.003477	.017235	.982765	1,586	92,066	456,367	.978649	3,231,726	35.10
40-44	.005174	.025539	.974461	2,310	90,480	446,623	.970495	2,775,359	30.67
45-49	.006830	.033576	.966424	2,960	88,169	433,445	.957786	2,328,736	26.41
50-54	.010499	.051152	.948848	4,358	85,208	415,148	.932863	1,895,290	22.24
55-59	.017533	.083984	.916016	6,790	80,850	387,276	.893188	1,480,142	18.31
60-64	.028204	.131733	.868267	9,756	74,060	345,910	.838894	1,092,866	14.76
65-69	.043197	.194934	.805066	12,535	64,304	290,182	.756917	746,955	11.62
70-74	.071389	.302889	.697111	15,680	51,768	219,644	.644759	456,773	8.82
75-79	.109664	.430338	.569662	15,530	36,088	141,617	.499975	237,129	6.57
80-84	.180702	.622356	.377644	12,794	20,558	70,805	.348940	95,511	4.65
85+	.228469	.727066	.272934	5,644	7,763	24,706	.000000	24,706	3.18

* Age groups 0 and 1-4 have been combined to calculate s_1 .

(1) m_x = Age specific death rate in each age group.

(2) q_x = Probability of dying in each age group.

(3) P_x = Probability of surviving until the next age group.

(4) d_x = Deaths at each age in the life-table cohort.

(5) ℓ_x = Number of survivors in each age group.

(6) L_x = The number of years lived by the life-table cohort in each age group.

(7) s_x = Survival ratio in the age group x to $x + n-1$.

(8) T_x = Total number of years lived after each age.

(9) e_x = The mean expectation of life.

TABLE III
LIFE TABLE: SLOVENIA, FEMALES, 1963

Age Group	(1) m_x	(2) q_x	(3) p_x	(4) d_x	(5) ℓ_x	(6) L_x	(7) s_x	(8) T_x	(9) e_x
0	.026552	.025932	.974068	2,593	100,000	98,184	----- *	7,181,173	71.81
1-4	.000915	.003655	.996345	356	97,406	388,915	.995322	7,082,988	72.72
5-9	.000357	.001782	.998218	172	97,050	484,821	.998299	6,694,073	68.97
10-14	.000324	.001620	.998380	156	96,877	483,996	.997821	6,209,251	64.09
15-19	.000548	.002739	.997261	264	96,720	482,941	.996905	5,725,255	59.19
20-24	.000692	.003453	.996547	333	96,455	481,447	.996515	5,242,313	54.35
25-29	.000705	.003517	.996483	338	96,122	479,769	.995518	4,760,866	49.53
30-34	.001093	.005450	.994550	522	95,784	477,619	.993769	4,281,096	44.69
35-39	.001408	.007015	.992985	668	95,262	474,643	.990994	3,803,477	39.93
40-44	.002214	.011010	.988990	1,041	94,594	470,368	.985463	3,328,834	35.19
45-49	.003654	.018103	.981897	1,693	93,552	463,530	.977675	2,858,465	30.55
50-54	.005397	.026625	.973375	2,445	91,859	453,182	.966056	2,394,935	26.07
55-59	.008468	.041463	.958537	3,707	89,413	437,799	.945701	1,941,752	21.72
60-64	.014012	.067690	.932310	5,801	85,706	414,027	.905745	1,503,952	17.55
65-69	.026155	.122749	.877251	9,808	79,904	375,003	.830345	1,089,924	13.64
70-74	.050228	.223124	.776876	15,640	70,096	311,382	.717186	714,921	10.20
75-79	.087700	.359647	.640353	19,585	54,456	223,319	.569257	403,538	7.41
80-84	.148610	.541770	.458230	18,892	34,871	127,125	.417644	180,219	5.17
85+	.201923	.670927	.329073	10,720	15,979	53,093	.000000	53,093	3.32

* Age groups 0 and 1-4 have been combined to calculate s_1 .

- (1) m_x = Age specific death rate in each age group.
- (2) q_x = Probability of dying in each age group.
- (3) p_x = Probability of surviving until the next age group.
- (4) d_x = Deaths at each age in the life-table cohort.
- (5) ℓ_x = Number of survivors in each age group.
- (6) L_x = The number of years lived by the life-table cohort in each age group.
- (7) s_x = Survival ratio in the age group x to $x + n-1$.
- (8) T_x = Total number of years lived after each age.
- (9) e_x = The mean expectation of life.

TABLE IV
LIFE TABLE: REST OF YUGOSLAVIA, MALES, 1963

Age Group	(1) m_x	(2) q_x	(3) p_x	(4) d_x	(5) l_x	(6) L_x	(7) s_x	(8) T_x	(9) e_x
0	.094703	.086775	.913225	8,677	100,000	93,925	----- *	6,281,147	62.81
1-4	.004642	.018396	.981604	1,679	91,322	361,929	.981329	6,187,221	67.75
5-9	.000776	.003874	.996126	347	89,642	447,344	.996415	5,825,291	64.98
10-14	.000660	.003294	.996706	294	89,295	445,740	.995864	5,377,947	60.23
15-19	.000999	.004980	.995020	443	89,001	443,897	.994247	4,932,206	55.42
20-24	.001310	.006529	.993471	578	88,557	441,343	.992839	4,488,309	50.68
25-29	.001565	.007797	.992203	685	87,979	438,183	.991220	4,046,965	46.00
30-34	.001964	.009771	.990229	852	87,293	434,335	.988761	3,608,782	41.34
35-39	.002561	.012722	.987278	1,099	86,440	429,454	.984667	3,174,447	36.72
40-44	.003628	.017978	.982022	1,534	85,341	422,869	.977185	2,744,992	32.16
45-49	.005626	.027742	.972258	2,324	83,806	413,221	.963966	2,322,123	27.71
50-54	.009116	.044563	.955437	3,631	81,481	398,331	.941330	1,908,901	23.43
55-59	.015247	.073436	.926564	5,717	77,850	374,961	.904806	1,510,570	19.40
60-64	.025232	.118676	.881324	8,560	72,133	339,267	.852414	1,135,609	15.74
65-69	.039654	.180388	.819612	11,467	63,573	289,196	.777169	796,342	12.53
70-74	.063665	.274615	.725385	14,308	52,105	224,754	.681000	507,146	9.73
75-79	.093885	.380189	.619811	14,369	37,796	153,057	.574504	282,391	7.47
80-84	.132834	.498595	.501405	11,680	23,426	87,932	.470839	129,334	5.52
85+	.167425	.590122	.409878	6,931	11,746	41,401	.000000	41,401	3.52

* Age groups 0 and 1-4 have been combined to calculate s_1 .

(1) m_x = Age specific death rate in each age group.

(2) q_x = Probability of dying in each age group.

(3) p_x = Probability of surviving until the next age group.

(4) d_x = Deaths at each age in the life-table cohort.

(5) l_x = Number of survivors in each age group.

(6) L_x = The number of years lived by the life-table cohort in each age group.

(7) s_x = Survival ratio in the age group x to $x + n-1$.

(8) T_x = Total number of years lived after each age.

(9) e_x = The mean expectation of life.

TABLE V
LIFE TABLE: REST OF YUGOSLAVIA, FEMALES, 1963

Age Group	(1) m_x	(2) q_x	(3) P_x	(4) d_x	(5) ℓ_x	(6) L_x	(7) s_x	(8) T_x	(9) e_x
0	.087383	.080591	.919409	8,059	100,000	94,358	----- *	6,573,236	65.73
1-4	.005161	.020434	.979566	1,878	91,940	364,006	.980767	6,478,877	70.47
5-9	.000678	.003384	.996616	304	90,062	449,548	.997086	6,114,871	67.90
10-14	.000489	.002442	.997558	219	89,757	448,239	.996822	5,665,322	63.12
15-19	.000785	.003915	.996085	350	89,538	446,814	.995217	5,217,083	58.27
20-24	.001134	.005655	.994345	504	89,187	444,677	.993560	4,770,268	53.49
25-29	.001451	.007229	.992771	641	88,683	441,813	.992039	4,325,591	48.78
30-34	.001747	.008698	.991302	765	88,042	438,296	.990511	3,883,777	44.11
35-39	.002068	.010286	.989714	897	87,276	434,137	.987809	3,445,481	39.48
40-44	.002843	.014116	.985884	1,219	86,378	428,845	.982943	3,011,343	34.86
45-49	.004049	.020041	.979959	1,706	85,159	421,530	.974600	2,582,498	30.33
50-54	.006270	.030868	.969132	2,576	83,452	410,823	.960304	2,160,968	25.89
55-59	.010005	.048804	.951196	3,947	80,876	394,515	.934845	1,750,145	21.64
60-64	.017176	.082345	.917655	6,334	76,929	368,810	.893279	1,355,629	17.62
65-69	.028560	.133284	.866716	9,409	70,594	329,450	.824796	986,819	13.98
70-74	.050342	.223570	.776430	13,679	61,185	271,729	.732407	657,368	10.74
75-79	.077410	.324291	.675709	15,405	47,506	199,016	.620892	385,638	8.12
80-84	.119559	.460234	.539766	14,773	32,100	123,567	.510279	186,622	5.81
85+	.149582	.544349	.455651	9,431	17,326	63,054	.000000	63,054	3.64

* Age groups 0 and 1-4 have been combined to calculate s_1 .

(1) m_x = Age specific death rate in each age group.

(2) q_x = Probability of dying in each age group.

(3) P_x = Probability of surviving until the next age group.

(4) d_x = Deaths at each age in the life-table cohort.

(5) ℓ_x = Number of survivors in each age group.

(6) L_x = The number of years lived by the life-table cohort in each age group.

(7) s_x = Survival ratio in the age group x to $x + n-1$.

(8) T_x = Total number of years lived after each age.

(9) e_x = The mean expectation of life.

TABLE VI
LIFE TABLE: YUGOSLAVIA, MALES, 1963

Age Group	(1) m_x	(2) q_x	(3) P_x	(4) d_x	(5) l_x	(6) L_x	(7) s_x	(8) T_x	(9) e_x
0	.090146	.082948	.917052	8,294	100,000	94,193	----- *	6,296,556	62.97
1-4	.004400	.017448	.982552	1,600	91,705	363,620	.982206	6,202,362	67.63
5-9	.000763	.003808	.996192	343	90,105	449,667	.996452	5,838,741	64.80
10-14	.000659	.003287	.996713	295	89,762	448,072	.995802	5,389,073	60.04
15-19	.001025	.005112	.994888	457	89,466	446,191	.994080	4,941,001	55.23
20-24	.001351	.006731	.993269	599	89,009	443,550	.992658	4,494,810	50.50
25-29	.001598	.007957	.992043	703	88,410	440,293	.991035	4,051,260	45.82
30-34	.002006	.009980	.990020	875	87,706	436,346	.988471	3,610,966	41.17
35-39	.002636	.013094	.986906	1,136	86,831	431,315	.984167	3,174,619	36.56
40-44	.003757	.018609	.981391	1,594	85,694	424,486	.976586	2,743,304	32.01
45-49	.005743	.028310	.971690	2,380	84,099	414,547	.963372	2,318,817	27.57
50-54	.009247	.045188	.954812	3,692	81,719	399,363	.940525	1,904,269	23.30
55-59	.015463	.074437	.925563	5,808	78,026	375,611	.903680	1,504,906	19.29
60-64	.025524	.119964	.880036	8,663	72,218	339,432	.851043	1,129,294	15.64
65-69	.040021	.181903	.818097	11,560	63,554	288,871	.775065	789,862	12.43
70-74	.064450	.277534	.722466	14,430	51,993	223,894	.677306	500,990	9.64
75-79	.095418	.385201	.614799	14,469	37,563	151,645	.567059	277,096	7.38
80-84	.137126	.510593	.489407	11,791	23,094	85,991	.458876	125,451	5.43
85+	.172864	.603507	.396493	6,821	11,302	39,459	.000000	39,459	3.49

* Age groups 0 and 1-4 have been combined to calculate s_1 .

(1) m_x = Age specific death rate in each age group.

(2) q_x = Probability of dying in each age group.

(3) P_x = Probability of surviving until the next age group.

(4) d_x = Deaths at each age in the life-table cohort.

(5) l_x = Number of survivors in each age group.

(6) L_x = The number of years lived by the life-table cohort in each age group.

(7) s_x = Survival ratio in the age group x to $x + n-1$.

(8) T_x = Total number of years lived after each age.

(9) e_x = The mean expectation of life.

TABLE VII
LIFE TABLE: YUGOSLAVIA, FEMALES, 1963

Age Group	(1) m_x	(2) q_x	(3) P_x	(4) d_x	(5) l_x	(6) L_x	(7) s_x	(8) T_x	(9) e_x
0	.082818	.076701	.923299	7,670	100,000	94,630	----- *	6,617,324	66.17
1-4	.004846	.019196	.980804	1,772	92,329	365,774	.981849	6,522,693	70.65
5-9	.000654	.003263	.996737	295	90,557	452,048	.997179	6,156,918	67.99
10-14	.000476	.002377	.997623	214	90,262	450,773	.996905	5,704,869	63.20
15-19	.000765	.003815	.996185	343	90,047	449,378	.995358	5,254,095	58.35
20-24	.001097	.005472	.994528	490	89,703	447,292	.993797	4,804,717	53.56
25-29	.001393	.006938	.993062	618	89,213	444,517	.992320	4,357,424	48.84
30-34	.001693	.008427	.991573	746	88,594	441,103	.990791	3,912,906	44.17
35-39	.002010	.009998	.990002	878	87,847	437,041	.988094	3,471,803	39.52
40-44	.002786	.013833	.986167	1,203	86,969	431,838	.983178	3,034,761	34.89
45-49	.004010	.019852	.980148	1,702	85,766	424,573	.974905	2,602,923	30.35
50-54	.006183	.030444	.969556	2,559	84,063	413,919	.960895	2,178,349	25.91
55-59	.009844	.048038	.951962	3,915	81,504	397,733	.935992	1,764,429	21.65
60-64	.016837	.080783	.919217	6,267	77,588	372,275	.894643	1,366,696	17.61
65-69	.028286	.132091	.867909	9,420	71,321	333,053	.825427	994,421	13.94
70-74	.050329	.223522	.776478	13,836	61,900	274,911	.730766	661,368	10.68
75-79	.078499	.328105	.671895	15,770	48,064	200,895	.615356	386,457	8.04
80-84	.122464	.468793	.531207	15,139	32,294	123,622	.501036	185,561	5.75
85+	.153926	.555763	.444237	9,534	17,154	61,939	.000000	61,939	3.61

* Age groups 0 and 1-4 have been combined to calculate s_1 .

(1) m_x = Age specific death rate in each age group.

(2) q_x = Probability of dying in each age group.

(3) P_x = Probability of surviving until the next age group.

(4) d_x = Deaths at each age in the life-table cohort.

(5) l_x = Number of survivors in each age group.

(6) L_x = The number of years lived by the life-table cohort in each age group.

(7) s_x = Survival ratio in the age group x to $x + n-1$.

(8) T_x = Total number of years lived after each age.

(9) e_x = The mean expectation of life.

Slovenia for females through age sixty and for males during the first year of life than is shown in other parts of Yugoslavia.

A comparison of the two life tables for Slovenia (Tables II and III) shows female life expectancy to be greater than male life expectancy in all age groups. There is about a five-year difference until age fifty-five, after which the difference grows smaller. By age eighty-five (when our cohort's life history ends), about twice as many females as males have survived. Moreover, the ratio of survivors at all ages in Slovenia is greater for females. A comparison of the two life tables for the rest of Yugoslavia (Tables IV and V) shows a similar pattern of difference in life expectancy for males and females, though the differences are not as great as in Slovenia.

Fertility

Of the several ways to measure population fertility, the age specific birthrates are the most informative. Variations of age composition, either in the total population or among women of childbearing age, are taken into account and it is possible to identify the stages in the reproductive careers of women.

Age specific birthrates measure the probability that a woman of a given age will have a child during a specified time period. In its simplest form, the age specific birthrates are the number of births to women of a specific age, during a given period, divided by the female population of that age. The probability is based on all women of that age, and no adjustment is made for other factors (such as the number of married women) that can affect the actual birthrate.

In studying population growth, however, we are interested in fertility as expressed in the number of persons added to the population by

TABLE VIII
AGE SPECIFIC BIRTHRATES BY AGE OF MOTHER, 1961-1964

Age of Mother	No. of Births		Female Popula- tion (000's)	Adjusted Birthrates	
	Male	Female		Male	Female
SLOVENIA					
10 - 14	14	9	292.9	.04188	.04032
15 - 19	4,197	4,016	242.5	.22916	.21844
20 - 24	19,654	18,559	253.0	.34867	.33191
25 - 29	17,326	16,399	259.7	.26009	.24892
30 - 34	11,105	10,625	270.8	.15008	.14654
35 - 39	5,445	5,416	257.1	.07109	.06888
40 - 44	1,610	1,414	194.2	.02133	.01905
45 - 49	87	89	162.3	.00190	.00214
50 - 54	53	70	207.9	.00062	.00082
REST OF YUGOSLAVIA					
10 - 14	230	225	3,398.5	.05813	.05515
15 - 19	66,955	62,937	2,614.1	.26923	.25596
20 - 24	259,956	245,021	2,783.4	.38665	.36747
25 - 29	236,115	222,095	3,051.6	.27820	.26380
30 - 34	135,233	126,811	2,972.2	.15598	.14783
35 - 39	62,322	58,682	2,661.7	.07705	.07322
40 - 44	20,633	19,425	1,938.3	.02972	.02801
45 - 49	3,716	3,349	1,495.0	.00695	.00635
50 - 54	1,105	1,012	1,865.9	.00134	.00124
YUGOSLAVIA					
10 - 14	244	234	3,691.4	.05699	.05393
15 - 19	71,152	66,953	2,856.6	.26683	.25286
20 - 24	279,610	263,580	3,036.4	.38491	.36460
25 - 29	253,441	238,494	3,311.3	.27770	.26261
30 - 34	146,383	137,436	3,243.0	.15595	.14765
35 - 39	67,767	64,098	2,918.8	.07674	.07278
40 - 44	22,243	20,839	2,132.5	.02904	.02719
45 - 49	3,803	3,438	1,657.3	.00650	.00595
50 - 54	1,158	1,082	2,073.8	.00128	.00120

births. To determine this figure accurately, some account must be taken of the survival of both women and infants during the period being studied. This study, therefore, uses totals for the 1961-1964 period and adjusts the age specific birthrates to take survival into consideration, by means of the following formula:

$$\left(\frac{L_0 + L_{1-4}}{l_0} \right) \cdot \left(\frac{{}_5b_x}{2} + {}_5s_x \left[\frac{{}_5b_{x+5}}{2} \right] \right),$$

where ${}_5b_x$ is an age specific birth rate and ${}_5s_x$ the survival ratio for a 5-year age group beginning at age x. The first factor, $(L_0 + L_{1-4})/l_0$, comes from the life table and takes into account infant survival. The adjusted birthrates for Slovenia, the rest of Yugoslavia, and Yugoslavia are listed in Table VIII. The age specific birth rates for both males and females at all ages are lower in Slovenia than in the rest of Yugoslavia. The trends in both regions are fairly similar, however, with the highest rates always occurring in the 20-24 age group. The regions do differ in patterns of age specific birthrate for the groups preceding and following the peak (that is, the 15-19 and 25-29 age groups). In Slovenia, the latter has a higher rate than the former, but in the rest of Yugoslavia there is little difference in birthrate between the before- and after-peak groups. Slovenia's pattern seems to indicate an older marriage age.

Migration

Migration is another important component of population change in Slovenia. Table IX shows the age-specific migration during 1961-63 between Slovenia and the rest of Yugoslavia. Approximately two-thirds of the migrants in both directions were in the 15-34 age group; fewer than ten per cent were over forty-five. Slovenia has a net immigration in

TABLE IX
MIGRATION BETWEEN SLOVENIA AND THE REST OF YUGOSLAVIA, 1961-1963

Age Group	Migrants Entering Slovenia		Migrants Leaving Slovenia	
	No.	Percentage	No.	Percentage
0 - 4	1,447	6.7	1,029	8.2
5 - 9	1,090	5.0	958	7.6
10 - 14	797	3.7	638	5.1
15 - 19	2,489	11.5	1,369	10.9
20 - 24	5,236	24.1	2,368	18.9
25 - 29	4,655	21.4	2,315	12.4
30 - 34	2,231	10.3	1,548	12.4
35 - 39	1,287	5.9	926	7.4
40 - 44	651	3.0	410	3.3
45 - 49	368	1.7	180	1.4
50 - 54	399	1.8	186	1.5
55 - 59	380	1.7	172	1.4
60 - 64	327	1.5	138	1.1
65 - 69	163	.8	103	.8
70 - 74	74	.3	88	.7
75 - 79	68	.3	70	.6
80 - 84	50	.2	14	.1
85+	16	.1	21	.2
Total	21,728	99.9	12,533	100.1

67.3

60.7

the 15-34 age group, most of these immigrants being in the 20-24 age group. A continuing net immigration of persons in the 15-34 age group (the most fertile age group) would have an important affect on the size of Slovenia's population.

The migration component is expressed in the growth regime as the proportion of the population moving from one region to another, in this case, between Slovenia and the rest of Yugoslavia. The migration rates were calculated as follows:

$$5 \left(\frac{1963}{1961} \sum M_x \right) / \left(\frac{1963}{1961} \sum P_x \right),$$

where M_x is the number of migrants in the age group beginning at age x , and P_x is the size of the population of this age group. Since we are dealing with growth in five-year intervals, the age specific rates were multiplied by 5; the adjusted rates appear in Table X.

The Growth Matrix

The mortality, fertility, and migration components of population change, by age and sex, in Slovenia and the rest of Yugoslavia are expressed simultaneously by the 72 x 72 growth matrix in Figure 2. The four consecutive blocks of eighteen rows each represent specific groups: the first block, females in Slovenia; the second, females in the rest of Yugoslavia; the third, males in Slovenia; and the last, males in the rest of Yugoslavia. The subdiagonal elements of the matrix are defined by the differences between survival rates (computed in the life tables) and out-migration rates. Thus they represent the portions of the populations that survive and do not move away. The adjusted age specific birthrates

TABLE X

Age Group	Migration to Slovenia from The Rest of Yugoslavia						Migration from Slovenia to The Rest of Yugoslavia					
	Total Population, Rest of Yugoslavia (000's)			No. of Migrants		Adjusted Rate of Immigration	Total Population, Slovenia (000's)			No. of Migrants		Adjusted Rate of Outmigration
	M	F	M	F	M		F	M	F	M	F	
0-4	2,673.4	2,529.9	749	698	.00140	.00138	212.3	202.4	519	510	.01222	.01260
5-9	2,834.7	2,677.5	547	543	.00096	.00101	229.9	218.8	528	430	.01148	.00983
10-14	2,632.6	2,515.6	412	385	.00078	.00077	224.6	218.0	335	303	.00746	.00695
15-19	1,993.7	1,905.9	1,024	1,465	.00257	.00384	184.6	180.4	509	860	.01379	.02384
20-24	2,200.7	2,121.6	2,964	2,272	.00673	.00535	192.9	189.6	1,111	1,257	.02880	.03315
25-29	2,377.4	2,306.2	3,232	1,423	.00680	.00309	198.1	196.3	1,337	978	.03375	.02491
30-34	2,239.0	2,213.3	1,340	891	.00299	.00201	196.6	202.7	850	698	.02162	.01722
35-39	1,672.3	1,968.0	777	510	.00232	.00130	150.5	191.8	572	354	.01900	.00923
40-44	1,140.8	1,366.5	388	263	.00170	.00096	104.2	137.2	252	158	.01209	.00576
45-49	971.9	1,171.4	214	154	.00110	.00066	105.7	128.1	103	77	.00487	.00301
50-54	1,288.9	1,390.2	196	203	.00076	.00073	134.2	155.5	85	101	.00317	.00325
55-59	1,126.7	1,194.9	163	217	.00072	.00091	118.0	139.9	74	98	.00314	.00350
60-64	872.4	1,005.8	114	213	.00065	.00106	95.5	121.8	41	97	.00215	.00398
65-69	539.9	724.4	48	115	.00044	.00079	62.5	92.7	25	78	.00200	.00421
70-74	361.3	533.7	30	44	.00042	.00041	40.9	65.3	35	53	.00428	.00406
75-79	246.9	374.8	30	38	.00061	.00051	26.9	44.6	25	45	.00465	.00504
80-84	127.7	193.6	12	38	.00047	.00098	12.8	21.8	0	14	.0	.00321

[illegible]

3.2. Growth Matrix for Slovenia and the Rest of Yugoslavia.

(see Table VIII) appear in the first row of each block. The immigration rates appear in the appropriate positions to be multiplied by the population from which migration occurs. This formulation of the growth regime assumes that net migration to the rest of the world is zero (emigration and migration data were unavailable) and that birth, death, and migration rates remain constant over each projection period.

4. PROJECTION OF CURRENT TRENDS

A detailed explanation of the use of matrix methods for population projections may be found elsewhere;⁸ our discussion, therefore, will be limited to an analysis of projected population growth in Slovenia and the rest of Yugoslavia.

The populations of Slovenia and the rest of Yugoslavia were projected by five-year intervals to 1998, using the matrix presented in Figure 2, and were started with the 1963 population. The projections are shown in Tables XI through XIV and are summarized in Table XV. The age and sex distributions of the 1963, 1998, and stable populations for Slovenia are presented in Table XVI. Analogous results for the rest of Yugoslavia appear in Table XVII.

Table XV shows that Slovenia's percentage of total Yugoslav population will decrease from 8.5 per cent in 1963 to 8.1 per cent in 1998. Therefore, the net immigration into Slovenia is apparently outweighed by the higher birth and survival rates in the rest of Yugoslavia. A comparison of the interregional age-sex distributions (Tables XVI and XVII) shows that in the stable population, Slovenia has 6.5 per cent of the total population. In 1963 and again in 1998, Slovenia has a greater proportion of females, but has almost equal numbers of the sexes at stability since by this time the effect of the war losses has disappeared.

TABLE XI
PROJECTED POPULATION: SLOVENIA, MALE
(in 000's)

Age Group	1963	1968	1973	1978	1983	1988	1993	1998
0 - 4	70.8	71.9	74.4	77.9	79.6	79.9	80.6	82.2
5 - 9	75.2	70.7	71.8	74.2	77.8	79.5	79.9	80.6
10 - 14	77.0	75.0	70.5	71.6	74.0	77.6	79.3	79.7
15 - 19	61.9	76.8	74.8	70.3	71.4	73.8	77.4	79.1
20 - 24	64.6	62.3	77.4	75.5	71.0	72.1	74.5	78.2
25 - 29	65.3	66.9	64.6	80.5	78.8	74.0	75.1	77.7
30 - 34	66.9	67.7	68.7	66.3	82.9	81.4	76.5	77.5
35 - 39	52.9	66.8	67.5	68.3	65.9	82.5	81.1	76.2
40 - 44	39.1	52.1	65.8	66.6	67.2	64.8	81.2	79.9
45 - 49	30.4	38.2	51.0	64.4	65.1	65.5	63.2	79.3
50 - 54	44.8	29.3	36.9	49.2	62.1	62.8	63.2	60.9
55 - 59	39.8	42.0	27.4	34.6	46.1	58.3	59.0	59.2
60 - 64	33.0	35.7	37.6	24.6	31.1	41.4	52.4	53.0
65 - 69	21.9	27.8	30.1	31.7	20.7	26.2	35.0	44.2
70 - 74	13.7	16.6	21.1	22.9	24.1	15.7	19.9	26.6
75 - 79	9.0	8.8	10.7	13.6	14.7	15.5	10.1	12.9
80 - 84	4.3	4.5	4.4	5.4	6.8	7.4	7.8	5.1
85+	2.5	1.5	1.6	1.6	1.9	2.4	2.6	2.8
TOTAL	773.1	814.7	856.4	899.1	941.3	981.1	1,018.8	1,054.9

TABLE XII
PROJECTED POPULATION: SLOVENIA, FEMALE
(in 000's)

Age Group	1963	1968	1973	1978	1983	1988	1993	1998
0 - 4	67.4	68.9	71.2	74.5	76.2	76.6	77.2	78.7
5 - 9	71.6	67.4	68.8	71.2	74.5	76.2	76.6	77.3
10 - 14	74.4	71.7	67.4	68.9	71.2	74.6	76.3	77.7
15 - 19	60.3	74.4	71.7	67.5	68.9	71.2	74.6	76.3
20 - 24	63.7	61.2	75.7	73.1	68.8	70.2	72.6	76.1
25 - 29	64.3	65.0	62.5	77.5	75.0	70.6	72.0	74.5
30 - 34	68.0	64.8	65.2	62.7	77.9	75.5	71.0	72.4
35 - 39	64.8	67.9	64.8	65.1	62.5	77.8	75.4	71.0
40 - 44	52.1	64.5	67.6	64.5	64.7	62.2	77.4	75.1
45 - 49	37.5	51.5	63.8	67.0	63.9	64.1	61.5	76.6
50 - 54	52.4	36.8	50.6	62.6	65.7	62.8	62.9	60.4
55 - 59	47.2	50.8	35.7	49.1	60.8	63.8	61.0	61.0
60 - 64	41.5	44.8	48.3	33.9	46.7	57.8	60.7	58.1
65 - 69	32.3	37.8	40.8	44.0	30.9	42.5	52.8	55.4
70 - 74	21.9	26.9	31.5	34.0	36.6	25.7	35.5	44.0
75 - 79	15.3	15.7	19.3	22.5	24.4	26.3	18.4	25.4
80 - 84	7.5	8.7	8.9	10.9	12.8	13.9	14.9	10.5
85+	4.0	3.2	3.7	3.8	4.6	5.4	5.9	6.3
TOTAL	846.2	881.9	917.5	952.7	986.2	1,017.1	1,046.7	1,075.7

TABLE XIII
PROJECTED POPULATION: THE REST OF YUGOSLAVIA, MALE
(in 000's)

Age Group	1963	1968	1973	1978	1983	1988	1993	1998
0 - 4	885.9	893.0	925.4	984.8	1,018.9	1,030.6	1,045.3	1,073.7
5 - 9	928.9	869.0	876.0	907.8	966.0	999.4	1,010.9	1,025.3
10 - 14	908.3	925.5	865.9	872.8	904.5	962.5	995.8	1,007.2
15 - 19	691.2	904.4	921.6	862.1	869.0	900.6	958.3	991.5
20 - 24	714.8	686.3	897.9	914.9	855.9	862.8	894.1	951.4
25 - 29	782.9	706.7	678.6	887.7	904.4	846.1	852.9	883.9
30 - 34	769.8	772.9	698.0	670.2	876.6	893.0	835.4	842.1
35 - 39	592.0	760.3	763.4	689.5	662.1	865.9	882.0	825.2
40 - 44	435.1	582.6	748.1	751.2	678.7	651.6	852.2	868.0
45 - 49	280.4	424.9	568.9	730.6	733.6	662.8	636.4	832.3
50 - 54	427.4	270.1	409.3	548.0	703.8	706.6	638.5	613.1
55 - 59	384.8	402.1	254.2	385.1	515.6	662.2	664.9	600.8
60 - 64	304.3	348.0	363.7	229.9	348.3	466.3	598.8	601.3
65 - 69	190.6	259.3	296.5	309.9	195.9	296.7	397.3	510.2
70 - 74	119.7	148.1	201.4	230.4	240.7	152.2	230.5	308.6
75 - 79	84.3	81.5	100.9	137.2	156.9	164.0	103.6	157.0
80 - 84	44.5	48.4	46.8	57.9	78.8	90.1	94.2	59.5
85+	25.5	20.9	22.8	22.0	27.2	37.1	42.4	44.3
TOTAL	8,570.4	9,104.2	9,639.3	10,192.0	10,736.8	11,250.4	11,733.6	12,195.3

TABLE XIV
PROJECTED POPULATION: THE REST OF YUGOSLAVIA, FEMALE
(in 000's)

Age Group	1963	1968	1973	1978	1983	1988	1993	1998
0 - 4	839.0	847.7	878.5	934.9	967.2	978.3	992.3	1,019.2
5 - 9	874.8	822.6	831.1	861.3	916.6	948.2	959.1	972.8
10 - 14	868.1	872.1	820.0	828.5	858.6	913.7	945.2	956.1
15 - 19	660.5	865.2	869.1	817.2	825.7	855.7	910.6	942.0
20 - 24	687.5	656.2	859.5	863.3	811.8	820.2	850.0	904.6
25 - 29	760.4	681.5	650.5	851.9	855.6	804.5	812.9	842.4
30 - 34	748.1	753.6	675.6	644.9	844.4	848.0	797.4	805.7
35 - 39	676.8	740.7	746.0	668.9	638.6	836.0	839.6	789.4
40 - 44	520.8	668.3	731.3	736.6	660.5	630.5	825.5	828.9
45 - 49	344.5	511.7	656.6	718.5	723.7	649.0	619.5	811.0
50 - 54	472.8	335.6	498.5	639.7	700.0	705.0	632.3	603.6
55 - 59	406.3	453.9	322.2	478.5	614.0	671.9	676.7	606.9
60 - 64	345.9	379.6	424.1	301.0	447.1	573.7	627.7	632.2
65 - 69	251.1	308.8	338.9	378.5	268.7	399.1	512.1	560.3
70 - 74	176.5	207.0	254.6	279.4	312.1	221.6	329.0	422.2
75 - 79	128.9	129.3	151.7	186.5	204.7	228.6	162.3	241.0
80 - 84	68.6	80.0	80.3	94.2	115.8	127.1	142.0	100.8
85+	44.3	35.0	40.8	40.9	48.0	59.0	64.8	72.3
TOTAL	8,874.9	9,348.7	9,829.3	10,324.9	10,813.0	11,270.1	11,698.9	12,111.4

TABLE XV
SUMMARY OF PROJECTED POPULATIONS: IN SLOVENIA AND IN THE REST OF YUGOSLAVIA

Year	Slovenia (000's)		Rest of Yugoslavia (000's)		Total (000's)	Slovenia's Percentage of Total Yugoslav Population (%)		
	Male	Female	Total	Male			Female	Total
1963	773.1	846.2	1,619.3	8,570.4	8,874.9	17,445.3	19,064.6	8.49
1968	814.7	881.9	1,696.6	9,104.2	9,348.7	18,452.9	20,149.5	8.42
1973	856.4	917.5	1,773.9	9,639.3	9,829.3	19,468.6	21,242.5	8.35
1978	899.1	952.7	1,851.8	10,192.0	10,324.9	20,516.9	22,368.7	8.27
1983	941.3	986.2	1,927.5	10,736.8	10,813.0	21,549.8	23,477.3	8.21
1988	981.1	1,017.1	1,998.2	11,250.4	11,270.1	22,520.5	24,518.7	8.14
1993	1,018.8	1,046.7	2,065.5	11,733.6	11,698.9	23,432.5	25,498.0	8.10
1998	1,054.9	1,075.7	2,130.6	12,195.3	12,111.4	24,306.7	26,437.3	8.05

TABLE XVI
POPULATION DISTRIBUTIONS, PAST AND PROJECTED, FOR SLOVENIA
(by proportion of total Yugoslav population)

Age Group	Past: 1963			Projected: 1998			Projected: to Stability		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
0-4	.0037	.0035	.0072	.0031	.0030	.0061	.0025	.0023	.0048
5-9	.0039	.0038	.0077	.0030	.0029	.0059	.0024	.0023	.0047
10-14	.0040	.0039	.0079	.0030	.0029	.0059	.0023	.0023	.0046
15-19	.0032	.0032	.0064	.0030	.0029	.0059	.0023	.0022	.0045
20-24	.0034	.0033	.0067	.0030	.0029	.0059	.0023	.0022	.0045
25-29	.0034	.0034	.0068	.0029	.0028	.0057	.0024	.0023	.0047
30-34	.0035	.0036	.0071	.0029	.0027	.0056	.0024	.0022	.0046
35-39	.0028	.0034	.0062	.0029	.0027	.0056	.0024	.0022	.0046
40-44	.0021	.0027	.0048	.0030	.0028	.0058	.0023	.0021	.0044
45-49	.0016	.0020	.0036	.0030	.0029	.0059	.0022	.0021	.0043
50-54	.0023	.0027	.0050	.0023	.0023	.0046	.0021	.0020	.0041
55-59	.0021	.0025	.0046	.0022	.0023	.0045	.0019	.0019	.0038
60-64	.0017	.0022	.0039	.0020	.0022	.0042	.0017	.0018	.0035
65-69	.0011	.0017	.0028	.0017	.0021	.0038	.0014	.0016	.0030
70-74	.0007	.0011	.0018	.0010	.0017	.0027	.0010	.0013	.0023
75-79	.0005	.0008	.0013	.0005	.0010	.0015	.0006	.0009	.0015
80-84	.0002	.0004	.0006	.0002	.0004	.0006	.0003	.0005	.0008
85+	.0001	.0002	.0003	.0001	.0002	.0003	.0001	.0002	.0003
TOTAL	.0403	.0444	.0847	.0398	.0407	.0805	.0326	.0324	.0650

TABLE XVII
POPULATION DISTRIBUTIONS, PAST AND PROJECTED, FOR THE REST OF YUGOSLAVIA
(by proportion of total Yugoslav population)

It is of interest to compare our projections with those recently produced by the Slovenian demographer, Dolfe Vogelnik.⁹ Vogelnik presents two sets of projections: a low forecast and a high forecast. The low one assumes that the level of mortality of the 1961-1965 period will remain constant, that the fertility of the female population in the 15-19 and 20-24 age groups will also remain constant, and that the fertility of other age groups will decline according to past trends until 1981-1985, and then remain constant until the end of the century. The high forecast assumes a decline in the level of mortality, an increase in fertility rates for the female population in the 15-34 age bracket, and an unchanging rate for the last two child-bearing groups (i.e., ages 35-39 and 40-44). It is not clear what assumptions are made regarding migration. Vogelnik's projected totals for Slovenia are shown in Figure 3 along with our projections. It is readily seen that ours fall approximately midway between his low and high forecasts.

5. THE LJUBLJANA METROPOLITAN REGION

The Growth Regime

We shall now consider Slovenia's population disaggregated regionally into the fifteen communes of Ljubljana Metropolitan Region and the rest of Slovenia (see map, Figure 4). Because of the urbanization of Slovenia, Ljubljana might be expected to grow faster than the rest of Slovenia (this hypothesis is supported by the data presented below). The components of change in the Ljubljana region and the rest of Slovenia are shown in Table XVIII. Ljubljana had a net immigration in 1963, two-thirds of which came from other parts of Slovenia. Table XIX shows the inter-communal migration during 1963. A one-year growth matrix was constructed

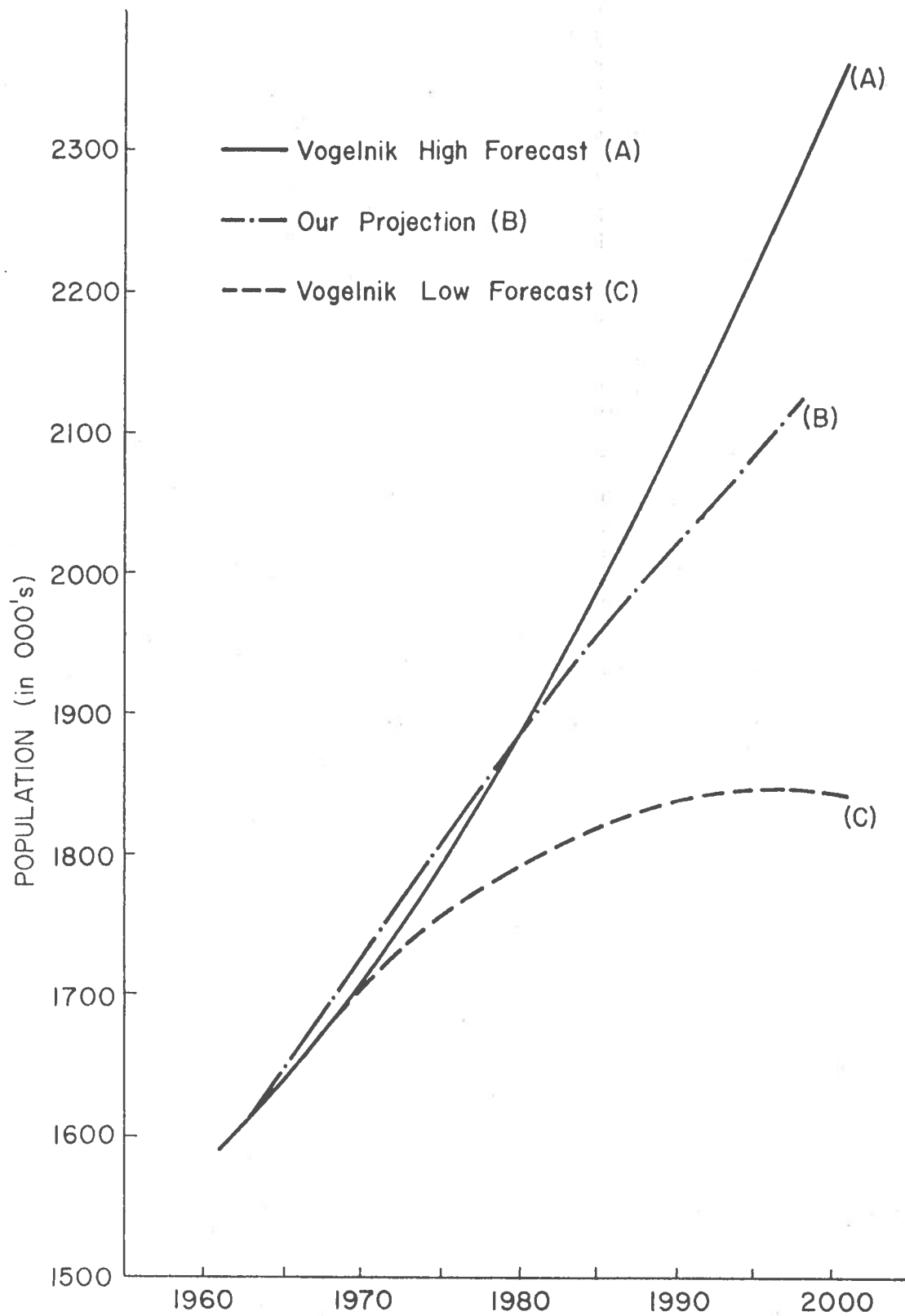


Figure 3. Comparison of Our Projections with Vogelnik's

ADMINISTRATIVE DIVISION OF SR SLOVENIA
UPRAVNA RAZDELITEV SR SLOVENIJE

1. 4. 1963

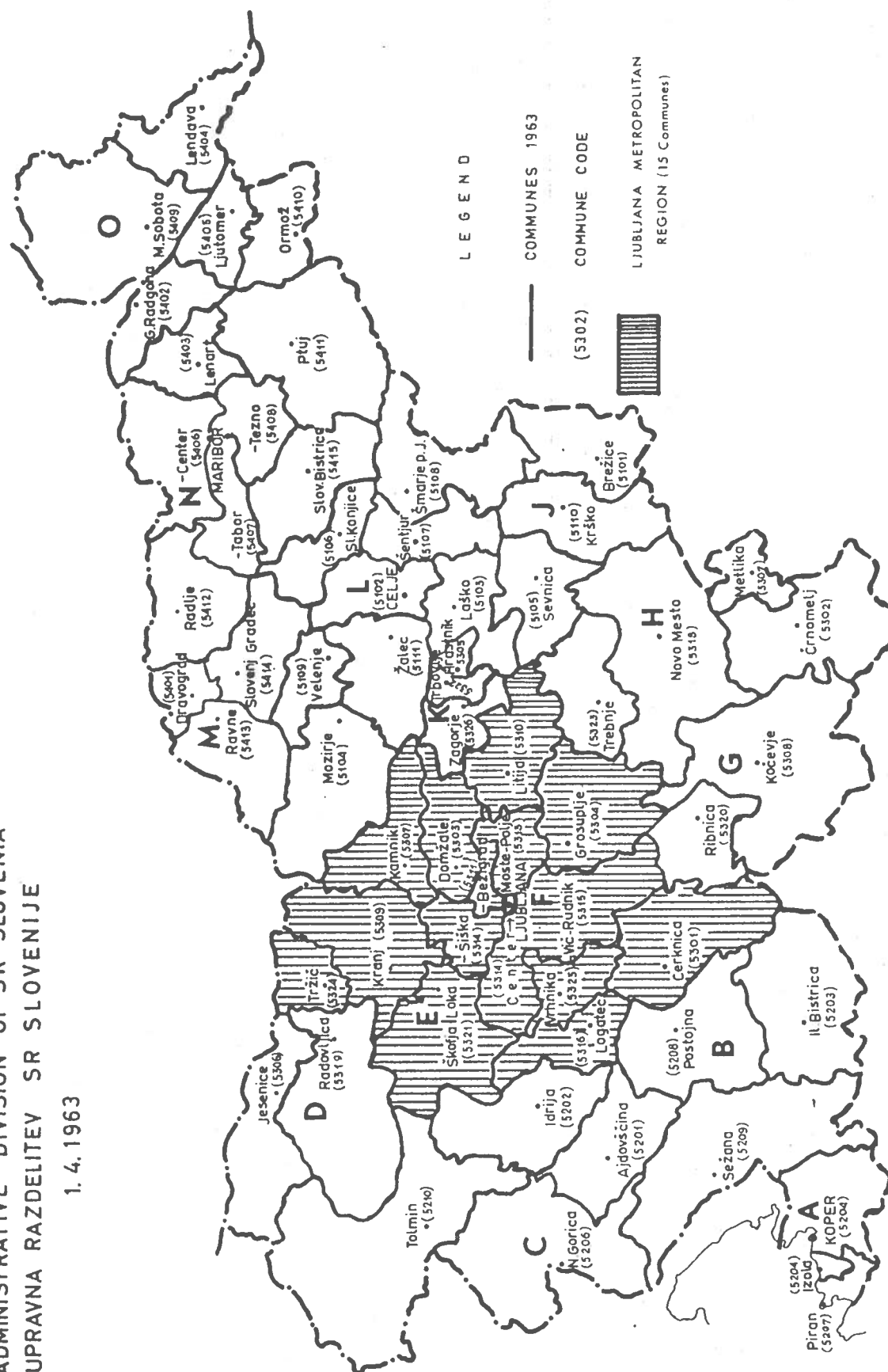


FIGURE 4. MAP OF SLOVENIA, SHOWING ADMINISTRATIVE DIVISIONS (COMMUNES)

TABLE XVIII
COMPONENTS OF POPULATION CHANGE: THE FIFTEEN COMMUNES OF
LJUBLJANA METROPOLITAN REGION, SLOVENIA, 1963

Commune	Popula- tion	No. of Births	No. of Deaths	Net Immigration Coming from	
				Rest of Slovenia	Outside Slovenia
Kranz	48,922	1,013	392	257	204
Skofja Loka	24,773	500	217	51	60
Trzic	11,320	217	75	39	13
Cerknica	13,908	266	202	16	57
Domzale	28,147	603	135	51	65
Grosuplje	22,453	457	293	- 11	- 20
Kamnik	20,246	428	189	37	55
Litija	16,517	307	151	- 35	25
(Ljubljana:)					
Bezigrad	33,900	536	187	622	154
Center	42,391	612	422	235	200
Hoste-Polje	34,596	685	270	436	241
Siska	47,223	862	334	524	186
Vic-Rudnik	55,197	1,007	537	481	78
Logatec	10,812	254	93	4	12
Vrhnika	12,610	273	112	16	26
TOTAL	423,016	8,020	3,609	2,723	1,356

TABLE XIX
MIGRATION BETWEEN THE FIFTEEN COMMUNES OF LJUBLJANA METROPOLITAN REGION AND
BETWEEN LJUBLJANA METROPOLITAN REGION AND THE REST OF SLOVENIA (1963)

To From		Kranz	Skofja loka	Trzic	Cerknica	Domzale	Grosuplje	Kamnik	Litija	Bezigrad	Center	Moste-Polje	Siska	Vic-Rudnik	Logatec	Vrhnika	Rest of Slovenia
L.M.R. Communes:																	
Kranz		--	75	37	4	7	11	16	5	60	40	40	81	29	9	7	351
Skofja Loka		131	--	5	3	4	3	0	0	25	30	19	67	25	17	1	123
Trzic		79	4	--	1	0	0	3	0	21	7	4	5	7	0	4	60
Cerknica		11	5	7	--	4	8	1	2	15	24	26	17	32	9	5	126
Domzale		21	10	2	1	--	6	72	13	87	34	53	51	35	2	11	202
Grosuplje		14	2	3	7	7	--	1	14	66	86	84	60	86	4	3	212
Kamnik		30	5	2	0	97	2	--	4	22	29	24	23	21	1	11	125
Litija		15	3	1	1	14	19	7	--	26	35	66	43	43	1	9	198
Bezigrad		12	15	3	3	21	15	12	14	--	547	442	381	237	3	8	244
Center		40	11	8	11	39	22	22	9	847	--	854	630	710	9	15	749
Moste-Polje		8	17	0	6	30	20	11	23	344	451	--	254	288	1	7	255
Siska		74	34	5	5	45	23	10	12	390	481	293	--	340	10	6	335
Vic-Rudnik		26	17	2	13	24	45	12	10	396	630	348	362	--	4	42	349
Logatec		18	34	0	4	4	2	0	5	7	20	6	21	15	--	15	67
Vrhnika		3	1	0	1	4	1	2	2	18	34	23	18	49	23	--	94
Rest of Slovenia		608	174	99	142	253	201	162	163	866	984	691	859	830	71	110	--

from the information summarized in Tables XVIII and XIX. The diagonal elements in the figure were calculated by adding the rates of natural increase and of migration from outside Slovenia. The off-diagonal elements represent the migration between regions within Slovenia and were calculated as follows:

$$a_{ji} = \frac{m_{ij}}{p_i} ,$$

where a_{ji} is the j^{th} row and the i^{th} column of the growth matrix;

m_{ij} is the migration between the i^{th} and j^{th} regions; and

p_i is the population in the i^{th} region.

This growth matrix was raised to the fifth power in order to convert it to the five-year growth matrix which appears in Figure 5.

Projection of Current Trends

Following the same procedure that was used in our analysis of population growth in Slovenia and the rest of Yugoslavia, the populations of the Ljubljana Metropolitan Region, by commune, and of the rest of Slovenia were projected to 1998 by five-year intervals (see Table XX). The population projections were then adjusted by normalizing them to the totals obtained for Slovenia in the earlier projections.

Table XXI shows Slovenia's regional population distribution in 1963, 1998, and at stability. The projection shows Ljubljana gaining an increasing proportion of Slovenia's total population, as was hypothesized earlier. In 1963, 26.3 per cent of the population of Slovenia was in the Ljubljana Metropolitan Region; should present trends continue, there will

.C0560	.C2438	.C48C	.C0404	.C0389	.C0318	.C0749	.C0457	.C0209	.C0454	.C0148	.C00769	.C0253	.C0854	.C0133	.C0264
.C0766	.C7814	.C0197	.C0182	.C0193	.C0C53	.C0129	.C0097	.C0224	.C0145	.C0247	.C0353	.C0159	.C0152	.C0051	.C0076
.C0774	.C0104	.C8252	.C0246	.C0037	.C0C66	.C0051	.C0032	.C0046	.C0085	.C0005	.C0055	.C0021	.C0003	.C0002	.C0043
.C0C42	.C0061	.C0045	.C54005	.C0020	.C0150	.C0002	.C0033	.C00049	.C0119	.C0087	.C0056	.C0114	.C0182	.C0042	.C0060
.C0C75	.C0C87	.C0006	.C0149	.C5837	.C0164	.C2367	.C0422	.C0325	.C0441	.C0438	.C0474	.C0232	.C0191	.C0167	.C0111
.C0112	.C0C63	.C0C05	.C0275	.C0109	.C89261	.C0C53	.C0540	.C0221	.C0250	.C0282	.C0239	.C0382	.C0094	.C0046	.C0084
.C0156	.C0005	.C0135	.C0C40	.C01255	.C0C29	.C7522	.C0210	.C0179	.C0241	.C0165	.C0114	.C0115	.C0005	.C0083	.C0070
.C0C53	.C0004	.C0C03	.C0072	.C0227	.C0295	.C01C0	.C1250	.C0200	.C0115	.C0313	.C0128	.C0095	.C0224	.C0081	.C0068
.C0C15	.C0525	.C0C82	.C0570	.C01488	.C01449	.C0570	.C0827	.C80858	.C8109	.C04639	.C03872	.C03407	.C0073	.C0059	.C0372
.C04C7	.C0577	.C0313	.C0757	.C0619	.C01703	.C0C65	.C0959	.C0549	.C5072	.C05463	.C04324	.C04756	.C0340	.C01231	.C0388
.C0434	.C0425	.C0217	.C0535	.C0074	.C01836	.C0C22	.C01917	.C06022	.C08395	.C86064	.C03082	.C03123	.C0036	.C00954	.C0313
.C0830	.C1321	.C0360	.C0640	.C0037	.C01350	.C0596	.C01292	.C05220	.C06354	.C03600	.C86836	.C03189	.C0075	.C0076	.C0376
.C0323	.C0530	.C0327	.C1124	.C0562	.C01854	.C0544	.C01289	.C03432	.C7003	.C03995	.C03457	.C85590	.C00714	.C01886	.C0362
.C0C94	.C0340	.C0C03	.C0316	.C0038	.C0C88	.C0027	.C0033	.C00C43	.C00097	.C0021	.C00104	.C0041	.C97943	.C00894	.C0031
.C0C74	.C0024	.C0178	.C0178	.C0197	.C0C71	.C0270	.C00265	.C00123	.C00172	.C00109	.C00073	.C00361	.C00682	.C96644	.C0048
.C652	.C2595	.C2746	.C4559	.C03715	.C04729	.C03193	.C05974	.C03833	.C08038	.C03914	.C03731	.C03553	.C03214	.C03833	1.02167

FIGURE 5. FIVE-YEAR GROWTH MATRIX: LJUBLJANA METROPOLITAN REGION AND THE REST OF SLOVENIA

TABLE XX
PROJECTED POPULATION: LJUBLJANA METROPOLITAN REGION

Region	Projected Population					
	Population, 1963			1973		
	Unadjusted	Adjusted*		Unadjusted	Adjusted*	1998
Kranz	48,922	49,227		60,950	60,490	97,911
Skofja Loka	24,773	24,937		27,991	27,850	38,693
Trzic	11,320	11,335		12,732	12,595	17,119
Cerknica	13,908	13,926		14,294	14,191	16,082
Domzale	28,147	28,338		33,311	32,995	49,662
Grosuplje	22,453	22,670		21,534	21,287	22,237
Kamnik	20,246	20,403		22,694	22,529	30,613
Litija	16,517	16,679		16,474	16,320	18,121
Bežigrad	33,900	34,167		50,319	49,847	90,687
Center	42,391	42,588		44,552	44,170	66,979
Moste-Polje	34,596	34,815		53,270	52,862	101,727
Siska	47,223	47,445		62,783	62,264	107,955
Vic-Rudnik	55,197	55,542		66,037	65,457	102,030
Logatec	10,813	10,849		12,067	12,061	15,971
Vrhnika	12,610	12,631		14,386	14,191	19,966
Sub-Total	423,016	425,552		513,394	509,109	795,753
Rest of Slovenia	1,186,418	1,193,748		1,275,651	1,264,791	1,551,361
Total, Slovenia	1,609,434	1,619,300		1,789,045	1,773,900	2,347,114
						2,130,600

* The totals provided by the age and sex disaggregated projections were used as control figures to expand the unadjusted projections.

TABLE XXI
 PROJECTED POPULATIONS: THE FIFTEEN COMMUNES OF LJUBLJANA
 METROPOLITAN REGION AND THE REST OF SLOVENIA
 (by proportion of total Slovene population)

Region	Population, 1963	Projected Populations	
		1998	Stability
Kranz	.0304	.0417	.0653
Skofja Loka	.0154	.0165	.0235
Trzic	.0070	.0073	.0082
Cerknica	.0086	.0069	.0054
Domzale	.0175	.0212	.0331
Grosuplje	.0140	.0095	.0089
Kamnik	.0126	.0130	.0170
Litija	.0103	.0077	.0074
Beograd	.0211	.0386	.0613
Center	.0263	.0285	.0430
Moste-Polje	.0215	.0433	.0732
Siska	.0293	.0460	.0745
Vic-Rudnik	.0343	.0435	.0672
Logatec	.0067	.0068	.0104
Vrhnika	.0078	.0085	.0126
Rest of Slovenia	.7372	.6610	.4891
Total, Slovenia	1.000	1.000	1.001

Regional Quinquennial Growth Rate - - - - - 1.060

be 33.9 per cent in 1998 and 51.1 per cent at stability. Table XXI also indicates that the five central communes (Bezigrad, Center, Moste-Polje, Siska, and Vic-Rudnik) will have an increasing proportion of total Slovenian population at the expense of communes such as Cerknica, Grosuplje, and Litija.

6. CONCLUSION

Between 1920 and 1963 Slovenia's population increased by 25 per cent. Yugoslavia's population increased by 57 per cent during this same period. The projection developed in this report indicates that by 1998, Slovenia's population will have increased another 32 per cent and Yugoslavia's 39 per cent.

If present trends continue, Slovenia's total population over the next thirty years will increase by about half a million people. Thus by the end of this century, over two million people will reside in Slovenia. Of this total, about a third will locate in the Ljubljana Metropolitan Region.

Projected changes in the age distribution of Slovenia's population indicate that 36.8 per cent will be under twenty-five in 1998. An especially large proportion of these will be in the elementary and high school age groups and will demand increasing levels of educational services.

The proportion of Slovenia's population in the labor force "eligibles" age range will increase slightly. Whereas 64.9 per cent were in this 15-64 age group in 1963, 67.3 per cent are expected to be in this age bracket in 1983.

Migration within Slovenia has and will continue to alter the regional distribution of its population. Almost 3,000 people from the

rest of Slovenia migrated into the Ljubljana Metropolitan Region during 1963. Only about 8,500 migrated into Slovenia from the rest of Yugoslavia during the same time period.

7. REFERENCES

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NOTES

1. Except where otherwise noted, all data have been obtained from Demografska Statistika 1960-1964, Savenzni zavod za statistiku, Beograd, 1963-1967.

2. Dolfe Vogelnic, *Urbanizacija Kao Odras Priviednog Razvoja FNRJ*, (Beograd: 1961), p. 300.

3. Dolfe Vogelnic, *Razvoj Prebivalstva Slovenije Zadnjih Dvesto Let z Jugoslovanske in Evropske Perspektive* (Ljubljana: Ekonomski Zbornik, 1965), p. 113.

4. *Ibid.*, p. 114.

5. *Ibid.*

6. *Ibid.*

7. George Barclay, *Techniques of Population Analysis* (New York: John Wiley & Sons, Inc., 1958).

8. *Ibid.*

9. Dolfe Vogelnic, *Razvoj Prebivalstva Slovenije*, p. 107.

A P P E N D I X

TABLE 1A

POPULATION ON JUNE 30TH 1960
(IN THOUSANDS)

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	18402.0	8995.5	9406.5	1580.0	752.9	827.1	16822.0	8242.6	8579.4
0-4	1910.5	982.5	927.6	141.6	72.7	68.9	1768.9	910.2	858.7
5-9	1994.0	1022.7	971.3	153.1	78.2	74.9	1840.9	944.5	896.4
10-14	1710.8	874.7	836.1	135.2	68.5	66.7	1575.6	806.2	769.4
15-19	1425.5	727.6	698.3	124.8	63.1	61.7	1301.1	664.5	636.6
20-24	1632.8	829.6	803.2	127.9	64.7	63.2	1504.9	764.9	740.0
25-29	1708.3	867.2	841.1	135.4	67.6	67.8	1572.9	799.6	773.3
30-34	1528.8	743.8	785.0	127.0	60.5	66.5	1401.8	683.3	718.5
35-39	1219.5	549.8	669.7	106.5	45.7	60.8	1113.0	504.1	608.9
40-44	695.5	313.2	382.2	63.2	27.8	35.4	632.3	285.5	346.8
45-49	980.5	454.1	526.4	96.1	44.1	52.0	884.4	410.0	474.4
50-54	967.5	472.4	495.1	95.2	44.3	50.9	872.3	428.1	444.2
55-59	828.8	396.7	432.1	83.9	38.4	45.5	744.9	358.3	386.6
60-64	635.8	287.5	348.3	67.6	29.1	38.5	568.2	258.4	309.8
65-69	430.4	181.1	249.3	47.2	19.0	28.2	383.2	162.1	221.1
70-74	340.3	136.5	203.8	35.5	13.6	21.9	304.8	122.9	181.9
75-79	219.9	88.5	131.4	22.7	8.8	13.9	197.2	79.7	117.5
80-84	108.9	43.3	65.6	11.6	4.5	7.1	97.3	38.8	58.5
85+	63.9	23.7	40.2	5.5	2.2	3.3	58.4	21.5	36.9

TABLE 2A

POPULATION ON JANUARY 1ST 1961
(IN THOUSANDS)

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	18504.2	9049.4	9454.8	1585.8	755.9	829.9	16918.4	8293.5	8624.9
0-4	1897.0	975.4	921.6	140.0	71.7	68.3	1757.0	903.7	853.3
5-9	2003.4	1028.1	975.3	152.4	78.0	74.4	1851.0	940.1	900.9
10-14	1754.4	897.0	857.4	139.2	70.5	68.7	1615.2	826.5	788.7
15-19	1405.0	717.1	687.9	123.1	62.2	60.9	1281.9	654.9	627.0
20-24	1618.2	822.4	795.8	127.5	64.5	63.0	1490.7	757.9	732.8
25-29	1707.5	866.7	840.8	134.3	67.2	67.1	1573.2	799.5	773.7
30-34	1554.0	763.7	790.3	128.9	62.1	66.8	1425.1	701.6	723.4
35-39	1244.4	561.4	683.0	108.8	46.8	62.0	1135.6	514.6	621.0
40-44	742.4	335.3	407.1	67.2	29.4	37.8	675.2	305.9	369.3
45-49	937.3	431.6	505.7	91.4	41.8	49.6	845.9	389.8	456.1
50-54	973.9	473.8	500.1	95.6	44.5	51.1	878.3	429.3	449.0
55-59	834.3	400.5	433.8	84.5	38.7	45.8	745.8	461.8	388.0
60-64	654.6	297.8	356.8	69.1	30.0	39.1	585.5	267.8	317.7
65-69	439.5	185.2	254.7	48.4	19.5	28.9	391.5	165.7	225.8
70-74	338.5	135.7	202.8	35.4	13.6	21.8	303.1	122.1	181.0
75-79	222.3	88.9	133.4	23.0	8.8	14.2	199.3	80.1	119.2
80-84	111.2	44.2	67.0	11.5	4.4	7.1	99.7	39.8	59.9
85+	66.2	24.6	41.6	5.7	2.3	3.4	60.5	22.3	38.2

TABLE 3A

POPULATION ON JUNE 30TH 1961
(IN THOUSANDS)

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	18606.4	9103.4	9503.0	1591.6	758.8	832.8	17014.8	8344.6	8670.2
0-4	1883.5	967.8	915.7	138.8	71.0	67.8	1744.7	896.8	847.9
5-9	2012.7	1033.4	979.3	151.9	77.8	74.1	1860.8	955.6	905.2
10-14	1798.0	919.2	878.8	143.3	72.6	70.7	1654.7	846.6	808.1
15-19	1384.0	706.5	677.5	121.5	61.4	60.1	1262.5	645.1	617.4
20-24	1603.7	815.3	788.4	127.1	64.2	62.9	1476.6	751.1	725.5
25-29	1706.7	866.2	840.5	133.2	66.7	66.5	1573.5	799.5	774.0
30-34	1579.2	783.7	795.5	130.9	63.8	67.1	1448.3	719.9	728.4
35-39	1269.3	573.1	696.2	110.5	47.6	62.9	1158.8	525.5	633.3
40-44	789.2	357.3	431.9	70.0	30.5	39.5	719.2	326.8	392.4
45-49	894.0	409.0	485.0	88.0	40.1	47.9	806.0	368.9	437.1
50-54	980.4	475.3	505.1	95.9	44.6	51.3	884.5	430.7	453.8
55-59	839.8	404.4	435.4	85.0	38.9	46.1	754.8	365.5	389.3
60-64	673.4	308.0	365.4	70.2	30.6	39.6	603.2	277.4	325.8
65-69	449.3	189.2	260.1	49.3	19.8	29.5	400.0	169.4	230.6
70-74	336.7	135.0	201.7	35.3	13.6	21.7	301.4	121.4	180.0
75-79	224.7	89.4	135.3	23.3	8.9	14.4	201.4	80.5	120.9
80-84	113.4	45.1	68.3	11.4	4.3	7.1	102.0	40.8	61.2
85+	68.4	25.5	42.9	6.0	2.4	3.6	62.4	23.1	39.3

TABLE 4A

POPULATION ON JANUARY 1ST 1962
(IN THOUSANDS)

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	18721.6	9163.8	9557.8	1598.3	762.2	836.1	17123.3	8401.6	8721.7
0-4	1877.4	964.5	912.9	138.2	70.7	67.5	1739.2	893.8	845.4
5-9	2005.2	1030.2	975.0	151.0	77.4	73.6	1854.2	952.8	901.4
10-14	1831.5	936.0	895.5	145.6	73.8	71.8	1685.9	862.2	823.7
15-19	1395.4	712.6	682.8	121.4	61.4	60.0	1274.0	651.2	622.8
20-24	1587.1	807.1	780.0	127.1	64.1	63.0	1460.0	743.0	717.0
25-29	1702.6	863.7	838.9	132.4	66.4	66.0	1570.2	797.3	772.9
30-34	1599.4	799.4	800.0	132.2	64.8	67.4	1467.2	734.6	732.6
35-39	1298.3	589.2	709.1	112.3	48.8	63.5	1186.0	540.4	645.6
40-44	850.8	385.4	465.4	75.1	32.5	42.6	775.7	352.9	422.8
45-49	842.2	383.4	458.8	83.0	37.7	45.3	759.2	345.7	413.5
50-54	985.7	475.4	510.3	96.2	44.7	51.5	889.5	430.7	458.8
55-59	850.7	410.0	440.7	85.4	39.1	46.3	765.3	370.9	394.4
60-64	685.4	315.3	370.1	71.4	31.2	40.2	614.0	284.1	329.9
65-69	461.8	194.9	266.9	50.5	20.3	30.2	411.3	174.6	236.7
70-74	334.7	134.4	200.3	35.3	13.6	21.7	299.4	120.8	178.6
75-79	227.8	90.2	137.6	23.6	9.0	14.6	204.2	81.2	123.0
80-84	115.5	45.8	69.7	11.4	4.2	7.2	104.1	41.6	62.5
85+	70.1	26.1	44.0	6.1	2.4	3.7	64.0	23.7	40.3

TABLE 5A

POPULATION ON JUNE 30TH 1962
(IN THOUSANDS)

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	18836.8	9224.3	9612.5	1605.0	765.7	839.3	17231.9	8458.6	8773.3
0-4	1871.4	961.2	910.2	137.7	70.5	67.2	1733.7	890.7	843.0
5-9	1597.7	1027.1	570.6	150.0	76.9	73.1	1847.7	950.2	897.5
10-14	1865.0	952.7	912.3	147.9	75.0	72.9	1717.1	877.7	839.4
15-19	1406.7	718.7	688.0	121.3	61.3	60.0	1285.4	657.4	628.0
20-24	1570.5	798.9	771.6	127.1	64.1	63.0	1443.4	734.8	708.6
25-29	1698.4	861.1	837.3	131.0	66.1	65.5	1566.8	795.0	771.8
30-34	1619.6	815.2	804.4	133.5	65.9	67.6	1486.1	749.3	736.8
35-39	1327.3	605.3	722.0	114.1	50.0	64.1	1213.2	555.3	657.9
40-44	912.4	413.5	498.9	80.2	34.6	45.6	832.2	378.9	453.3
45-49	790.3	357.8	432.5	77.9	35.2	42.7	712.4	322.6	389.8
50-54	991.0	475.6	515.4	96.6	44.8	51.8	894.4	430.3	463.6
55-59	861.6	415.7	445.9	85.9	39.3	46.6	775.7	376.4	399.3
60-64	697.4	322.6	374.8	72.6	31.9	40.7	624.8	290.7	334.1
65-69	474.3	200.7	273.6	51.7	20.8	30.9	422.6	179.9	242.7
70-74	332.7	133.6	198.9	35.3	13.6	21.7	297.4	120.2	177.2
75-79	231.0	91.1	139.9	23.9	9.0	14.9	207.1	82.1	125.0
80-84	117.6	46.6	71.0	11.4	4.2	7.2	106.2	42.4	63.8
85+	71.9	26.7	45.2	6.3	2.5	3.8	65.6	24.2	41.4

TABLE 6A

POPULATION ON JANUARY 1ST 1963
(IN THOUSANDS)

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	18950.9	9284.0	9666.9	1612.1	769.3	842.8	17338.8	8514.7	8824.1
0-4	1867.2	958.9	908.3	137.9	70.6	67.3	1729.3	888.3	841.0
5-9	1974.1	1015.6	958.5	148.4	76.1	72.3	1825.7	939.5	886.2
10-14	1896.4	969.0	927.4	149.6	76.0	73.6	1746.8	893.0	853.8
15-19	1440.3	735.9	704.4	121.7	61.6	60.1	1318.6	674.3	644.3
20-24	1550.5	789.1	761.4	127.7	64.4	63.3	1422.8	724.7	698.1
25-29	1685.6	854.6	831.0	130.6	65.7	64.9	1555.0	788.9	766.1
30-34	1636.2	825.9	810.3	134.2	66.4	67.8	1502.0	759.5	742.5
35-39	1356.9	625.1	731.8	115.9	51.4	64.5	1241.0	573.7	667.3
40-44	979.7	443.8	535.9	85.7	36.9	48.8	894.0	406.9	487.1
45-49	741.5	334.3	407.2	72.9	32.8	40.1	668.6	301.5	367.1
50-54	994.2	473.5	520.7	70.9	44.8	52.1	897.3	429.1	468.2
55-59	869.8	420.1	449.7	86.4	39.5	46.9	783.4	380.6	402.8
60-64	711.0	329.9	381.1	73.5	32.4	41.1	637.5	297.5	340.0
65-69	485.1	206.6	278.5	52.9	21.3	31.6	432.2	185.3	246.9
70-74	332.2	133.6	198.6	35.4	13.6	21.8	296.8	120.0	176.8
75-79	234.2	92.2	142.0	24.1	9.0	15.1	210.1	83.2	126.9
80-84	121.2	47.7	73.5	11.6	4.2	7.4	109.6	43.5	66.1
85+	74.1	27.3	46.7	6.4	2.5	3.9	67.7	24.8	42.8

TABLE 7A

POPULATION ON JUNE 30TH 1963
(IN THOUSANDS)

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	19065.0	9343.8	5721.2	1619.2	772.9	846.3	17445.8	8570.9	8874.9
0-4	1863.1	956.7	906.4	138.2	70.8	67.4	1724.9	885.9	839.0
5-9	1950.5	1004.1	946.4	146.8	75.2	71.6	1803.7	928.9	874.8
10-14	1927.8	985.3	942.5	151.4	77.0	74.4	1776.4	908.3	868.1
15-19	1473.9	753.1	720.8	122.2	61.9	60.3	1351.7	691.2	660.5
20-24	1530.6	779.4	751.2	128.3	64.6	63.7	1402.3	714.8	687.5
25-29	1672.9	848.2	824.7	129.6	65.3	64.3	1543.3	782.9	760.4
30-34	1652.8	836.7	816.1	134.9	66.9	68.0	1517.9	769.8	748.1
35-39	1386.6	644.9	741.6	117.7	52.9	64.8	1268.9	592.0	676.8
40-44	1047.1	474.2	572.9	91.2	39.1	52.1	955.9	435.1	520.8
45-49	692.8	310.8	382.0	67.9	30.4	37.5	624.9	280.4	344.5
50-54	997.4	472.2	525.2	97.2	44.8	52.4	900.2	427.4	472.8
55-59	878.1	424.6	453.5	87.0	39.8	47.2	791.1	384.8	406.3
60-64	724.7	337.3	387.4	74.5	33.0	41.5	650.2	304.3	345.9
65-69	495.9	212.5	283.4	54.2	21.9	32.3	441.7	190.6	251.1
70-74	331.8	133.4	198.4	35.6	13.7	21.9	296.2	119.7	176.5
75-79	237.5	93.3	144.2	24.3	9.0	15.3	213.2	84.3	128.9
80-84	124.9	48.8	76.1	11.8	4.3	7.5	113.1	44.5	68.6
85+	76.3	28.0	48.3	6.5	2.5	4.0	69.8	25.5	44.3

TABLE 8A

POPULATION ON JANUARY 1ST 1964
(IN THOUSANDS)

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	19172.0	9400.0	9772.0	1625.3	775.9	849.4	17546.7	8624.1	8922.6
0-4	1855.7	952.8	902.9	138.8	71.0	67.8	1716.9	881.8	835.1
5-9	1930.4	993.8	936.6	145.2	74.4	70.8	1785.2	919.4	865.8
10-14	1945.2	995.0	950.2	152.1	77.5	74.6	1793.1	917.5	875.6
15-19	1524.6	775.0	745.6	123.9	62.7	61.2	1400.7	716.3	684.4
20-24	1505.0	766.8	738.2	128.1	64.5	63.6	1376.9	702.3	674.6
25-29	1657.5	840.7	816.8	128.7	64.9	63.8	1528.8	775.8	753.0
30-34	1665.2	843.6	821.6	135.1	67.1	68.0	1530.1	776.5	753.6
35-39	1417.0	666.7	750.3	119.5	54.5	65.0	1297.5	612.2	685.3
40-44	1096.7	495.8	600.8	95.4	40.8	54.6	1001.3	455.1	546.2
45-49	669.9	300.0	369.9	64.7	28.8	35.9	605.2	271.2	334.0
50-54	994.7	467.5	526.7	96.9	44.5	52.4	897.8	423.4	474.4
55-59	886.6	429.2	457.4	87.8	40.2	47.6	798.8	389.0	409.8
60-64	737.7	343.9	393.8	75.2	33.4	41.8	662.5	310.5	352.0
65-69	507.8	219.4	288.4	55.6	22.6	33.0	452.2	196.8	255.4
70-74	333.6	134.4	199.2	35.9	13.8	22.1	297.7	120.6	177.1
75-79	239.4	93.5	145.9	24.3	8.9	15.4	215.1	84.6	130.5
80-84	127.4	49.5	77.9	11.9	4.3	7.6	115.9	45.2	70.3
85+	78.8	28.5	45.5	6.6	2.5	4.1	72.2	26.4	45.8

TABLE 9A

POPULATION UN JUNE 30TH 1964
(IN THOUSANDS)

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	19278.9	9456.1	9822.8	1631.4	778.9	852.5	17647.5	8677.2	8970.3
0-4	1848.3	948.8	899.5	139.4	71.2	68.2	1708.9	877.6	831.3
5-9	1910.2	983.5	926.7	145.5	73.6	69.9	1766.7	909.9	856.8
10-14	1962.4	1004.6	957.8	152.8	77.9	74.9	1809.6	926.7	882.9
15-19	1575.2	804.9	770.3	125.7	63.6	62.1	1449.5	741.3	708.2
20-24	1479.4	754.2	725.2	127.8	64.4	63.4	1351.6	689.8	661.8
25-29	1641.9	833.1	808.8	127.9	64.5	63.4	1514.0	768.6	745.4
30-34	1677.4	850.4	827.0	135.3	67.2	68.1	1542.1	783.2	758.9
35-39	1447.5	688.5	759.0	121.3	56.0	65.3	1326.2	632.5	693.7
40-44	1146.2	517.4	628.8	99.5	42.5	57.0	1046.7	474.9	571.8
45-49	647.0	289.2	357.8	61.3	27.1	34.2	585.7	262.1	323.6
50-54	989.8	461.7	528.1	96.6	44.2	52.4	893.2	417.5	475.7
55-59	895.1	433.7	461.4	88.6	40.5	48.1	806.5	393.2	413.3
60-64	750.8	350.6	400.2	75.9	33.7	42.2	674.9	316.9	358.0
65-69	519.7	226.3	293.4	56.9	23.2	33.7	462.8	203.1	259.7
70-74	335.6	135.5	200.1	36.1	13.8	22.3	299.5	121.7	177.8
75-79	241.2	93.7	147.5	24.2	8.8	15.4	217.0	84.9	132.1
80-84	129.9	50.2	79.7	12.0	4.3	7.7	117.9	45.9	72.0
85+	81.3	29.8	51.5	6.6	2.4	4.2	74.7	27.4	47.4

BIRTHS 1960
BY AGE OF MOTHER

TABLE 10A

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	432595	222504	210091	27825	14202	13623	404770	208302	196468
-14	85	39	46	3	1	2	82	38	44
15-19	36133	18710	17423	1621	822	799	34512	17888	16624
20-24	143318	73701	69617	8451	4295	4156	134867	69406	65461
25-29	131070	67459	63611	8904	4596	4308	122166	62863	59303
30-34	73943	37871	36072	5584	2720	2664	68559	35151	33408
35-39	34699	17908	16791	2822	1451	1371	31877	16457	15420
40-44	10096	5157	4939	557	280	277	9539	4877	4662
45-49	2323	1195	1128	78	35	43	2245	1160	1085
50+	545	270	275	3	1	2	546	269	277
UNKN.	379	194	185	2	1	1	377	193	184

TABLE 11A

BIRTHS 1961
BY AGE OF MOTHER

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	422180	216952	205228	28955	14793	14162	393225	202159	191066
-14	124	65	59	7	2	5	117	63	54
15-19	35447	18159	17288	1971	1018	953	33476	17141	16335
20-24	140348	72076	68272	8994	4550	4444	131354	67526	63828
25-29	127248	65567	61681	8720	4516	4204	118528	61051	57477
30-34	71892	36873	35019	5539	2781	2758	66353	34092	32261
35-39	33466	17125	16341	2951	1513	1438	30515	15612	14903
40-44	10475	5438	5037	672	364	308	9803	5074	4729
45-49	2077	1103	974	68	34	34	2009	1069	940
50+	663	324	339	27	12	15	636	312	324
UNKN.	440	222	218	6	3	3	434	219	215

TABLE 12A

BIRTHS 1962
BY AGE OF MOTHER

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	413093	213175	199914	29035	15021	14014	384058	198158	185900
-14	105	49	56	4	3	1	101	46	55
15-19	34678	17926	16752	2212	1128	1084	32466	16798	15668
20-24	137281	70776	66505	9427	4923	4504	127854	65853	62001
25-29	124039	64111	59928	8509	4429	4080	115530	59682	55848
30-34	70896	36626	34270	5361	2759	2602	65535	33867	31668
35-39	32542	16738	15804	2762	1371	1391	29780	15367	14413
40-44	10793	5511	5282	717	384	333	10076	5127	4949
45-49	1811	942	869	27	17	10	1784	925	859
50+	559	294	265	9	4	5	550	290	260
UNKN.	389	206	183	7	3	4	382	203	179

TABLE 13A

BIRTHS 1963
BY AGE OF MOTHER

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	407407	209761	197646	29174	14990	14184	378233	194771	183462
-14	124	66	58	4	3	1	120	63	57
15-19	33836	17413	16423	2066	1029	1037	31770	16384	15386
20-24	134116	69174	64942	9726	5028	4698	124390	64146	60244
25-29	122041	62667	59374	8291	4257	4034	113750	58410	55340
30-34	70712	36505	34207	5476	2846	2630	65236	33659	31577
35-39	32867	16814	16053	2567	1298	1269	30300	15516	14784
40-44	10936	5679	5257	827	429	398	10109	5250	4859
45-49	1704	881	823	56	24	32	1648	857	791
50+	556	298	258	67	30	37	489	268	221
UNKN.	515	264	251	94	46	48	421	218	203

TABLE 14A

BIRTHS 1964
BY AGE OF MOTHER

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	401104	206822	194282	29184	14819	14365	371920	192003	179917
-14	125	64	61	8	6	2	117	58	59
15-19	34144	17654	16490	1964	1022	942	32180	16632	15548
20-24	131445	67584	63861	10066	5153	4913	121379	62431	58948
25-29	118607	61096	57511	8205	4124	4081	110402	56972	53430
30-34	70274	36334	33940	5354	2719	2635	64920	33615	31305
35-39	32990	17090	15900	2581	1263	1318	30409	15827	14582
40-44	10878	5615	5263	808	433	375	10070	5182	4888
45-49	1649	877	772	25	12	13	1624	865	759
50+	462	242	220	20	7	13	442	235	207
UNKN.	530	266	264	153	80	73	377	186	191

TABLE 15A

BIRTHS 1965

BY AGE OF MOTHER

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	408158	210576	157582	30587	15477	15110	377571	195099	182472
-14	113	58	55	3	2	1	110	56	54
15-19	40596	20988	19608	2412	1254	1158	38184	19734	18450
20-24	132066	68034	64032	10618	5379	5239	121448	62655	58793
25-29	119496	61540	57956	8529	4290	4239	110967	57250	53717
30-34	70228	36308	33920	5351	2718	2633	64877	33590	31287
35-39	32908	17046	15862	2726	1333	1393	30182	15713	14469
40-44	9866	5091	4775	761	408	353	9105	4683	4422
45-49	1786	950	836	55	26	29	1731	924	807
50+	433	227	206	12	4	8	421	223	198
UNKN.	666	334	332	120	63	57	546	271	275

DEATHS 1960

TABLE 16A

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	182693	91595	91094	15145	7833	7312	167548	83766	83782
0-4	47785	25169	22616	1136	672	464	46649	24497	22152
5-9	1687	927	760	94	54	40	1593	873	720
10-14	975	566	413	47	34	13	932	532	400
15-19	1453	823	630	108	72	36	1345	751	594
20-24	2170	1185	985	119	88	31	2051	1097	954
25-29	2825	1508	1317	197	141	56	2628	1367	1261
30-34	3068	1603	1465	190	126	64	2878	1477	1401
35-39	2977	1486	1491	222	127	95	2755	1359	1396
40-44	2307	1142	1165	192	107	85	2115	1035	1080
45-49	4947	2688	2259	491	314	177	4456	2374	2082
50-54	7852	4530	3322	698	429	269	7154	4101	3053
55-59	10852	6238	4614	1020	622	398	9832	5616	4216
60-64	13808	7534	6274	1345	791	554	12463	6743	5720
65-69	15328	7643	7685	1593	788	805	13735	6855	6880
70-74	19605	9124	10481	2099	976	1123	17506	8148	9358
75-79	19225	8581	10644	2257	1050	1207	16968	7531	9437
80-84	14461	6251	8210	1925	854	1071	12536	5397	7139
85+	11286	4560	6726	1408	585	823	9878	3975	5903
UNKN.	78	41	37	4	3	1	74	38	36

DEATHS 1961

TABLE 17A

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	167447	84113	83334	14013	7218	6795	153434	76895	76539
0-4	41341	21873	19468	995	578	417	40346	21295	19051
5-9	1432	794	638	76	44	32	1356	750	606
10-14	981	574	407	62	41	21	919	533	386
15-19	1336	771	565	124	93	31	1212	678	534
20-24	2084	1152	932	159	112	47	1925	1040	885
25-29	2735	1463	1272	164	119	45	2571	1344	1227
30-34	2943	1599	1344	256	169	67	2707	1430	1277
35-39	2802	1412	1390	187	110	77	2615	1302	1313
40-44	2502	1295	1203	185	109	76	2317	1190	1127
45-49	4149	2278	1871	420	249	171	3729	2029	1700
50-54	7425	4261	3164	656	388	268	6769	3873	2896
55-59	10138	6026	4112	1022	653	369	9116	5373	3743
60-64	13494	7489	6005	1321	808	513	12173	6681	5492
65-69	14450	7280	7170	1546	783	763	12904	6497	6407
70-74	17696	8008	9688	1928	892	1036	15768	7116	8652
75-79	17545	7742	9803	1931	843	1088	15614	6899	8715
80-84	13611	5727	7884	1778	737	1041	11833	4990	6843
85+	10697	4325	6372	1225	490	733	9474	3835	5639
UNKN.	86	40	46	0	0	0	86	40	46

DEATHS 1962

TABLE 18A

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	186843	93889	92954	15866	8145	7721	170977	85744	85233
0-4	41943	22113	19830	979	572	407	40964	21541	19423
5-9	1465	781	684	63	38	25	1402	743	659
10-14	1276	737	539	99	60	39	1177	677	500
15-19	1353	795	558	123	88	35	1230	707	523
20-24	2067	1146	921	166	125	41	1901	1021	880
25-29	2671	1432	1239	178	141	37	2493	1291	1202
30-34	3156	1703	1453	224	155	69	2932	1548	1384
35-39	3196	1643	1553	271	172	99	2925	1471	1454
40-44	3036	1584	1452	251	151	100	2785	1433	1352
45-49	4074	2197	1877	380	225	155	3694	1972	1722
50-54	7984	4624	3360	756	469	287	7228	4155	3073
55-59	11415	6775	4640	1091	659	432	10324	6116	4208
60-64	15207	8621	6586	1493	916	577	13714	7705	6009
65-69	16662	8462	8200	1739	897	842	14923	7565	7358
70-74	20178	9320	10858	2202	1018	1184	17976	8302	9674
75-79	21349	9565	11784	2410	1031	1379	18939	8534	10405
80-84	16782	7021	9761	1967	809	1158	14815	6212	8603
85+	12919	5315	7604	1465	612	853	11454	4703	6751
UNKN.	116	55	55	9	7	2	101	48	53

TABLE 19A

DEATHS 1963

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	169744	85665	84079	15102	8027	7075	154642	77638	77004
0-4	38248	20107	18141	984	561	423	37264	19546	17718
5-9	1452	820	632	73	45	28	1379	775	604
10-14	1049	641	408	66	52	14	983	589	394
15-19	1320	754	566	103	74	29	1217	680	537
20-24	1808	1048	760	160	112	48	1648	936	712
25-29	2435	1306	1129	178	127	51	2257	1179	1078
30-34	3066	1671	1395	268	175	93	2798	1496	1302
35-39	3263	1786	1477	328	237	91	2935	1549	1386
40-44	3337	1738	1599	375	258	117	2962	1480	1482
45-49	3277	1767	1510	379	232	147	2898	1535	1363
50-54	7301	4273	3028	778	507	271	6523	3766	2757
55-59	10651	6352	4299	1031	693	338	9620	5659	3961
60-64	14589	8229	6360	1460	868	592	13129	7361	5768
65-69	15530	8081	7449	1742	944	798	13788	7137	6651
70-74	17736	8195	9541	1995	930	1065	15741	7265	8476
75-79	18623	8123	10500	2210	944	1266	16413	7179	9234
80-84	14704	6174	8530	1717	718	999	12987	5456	7531
85+	12140	4535	7605	1239	536	703	10901	3999	6902
UNKN.	115	65	50	16	14	2	99	51	48

TABLE 20A

DEATHS 1964

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	181255	91397	89858	16729	8761	7968	164526	82636	81890
0-4	37303	19585	17718	953	532	412	36350	19053	17297
5-9	1235	694	545	73	55	18	1166	639	527
10-14	994	591	403	62	41	21	932	550	382
15-19	1233	738	495	110	72	38	1123	666	457
20-24	1625	906	719	155	116	39	1470	790	680
25-29	2216	1245	971	184	134	50	2032	1111	921
30-34	2916	1619	1297	225	158	67	2691	1461	1230
35-39	3226	1780	1446	294	199	95	2932	1581	1351
40-44	3687	2000	1687	378	241	137	3309	1759	1550
45-49	2996	1608	1388	321	201	120	2675	1407	1268
50-54	7540	4270	3270	805	509	296	6735	3761	2974
55-59	11431	6800	4631	1227	774	453	10204	6026	4178
60-64	16086	9314	6772	1668	1052	616	14418	8262	6156
65-69	17935	9342	8593	1981	1078	903	15954	8264	7690
70-74	19263	9132	10131	2160	1065	1115	17083	8067	9016
75-79	22050	9636	12414	2626	1097	1529	19424	8539	10885
80-84	17192	7228	9964	2012	826	1186	15180	6402	8778
85+	12197	4840	7357	1462	601	861	10735	4239	6496
UNKN.	126	69	57	13	10	3	113	59	54

DEATHS 1965

TABLE 21A

AGE	YUGOSLAVIA			SLOVENIA			REST OF YUGOSLAVIA		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	170549	85108	84441	15987	8488	7499	154562	77620	76942
0-4	34578	18275	16303	1031	604	427	33547	17671	15876
5-9	1268	712	556	73	42	31	1195	670	525
10-14	843	516	327	68	41	27	775	475	300
15-19	1353	837	516	130	99	31	1223	738	485
20-24	1615	969	646	247	200	47	1368	769	599
25-29	2207	1276	931	254	215	39	1953	1061	892
30-34	2949	1755	1194	323	259	64	2626	1496	1130
35-39	3260	1830	1430	344	238	106	2916	1592	1324
40-44	3630	2024	1606	392	255	137	3238	1769	1469
45-49	2952	1613	1339	334	201	133	2618	1412	1206
50-54	6764	3790	2974	694	418	276	6070	3372	2698
55-59	10717	6397	4320	1092	674	418	9625	5723	3902
60-64	14911	8649	6262	1534	928	606	13377	7721	5656
65-69	17638	9199	8439	1920	1054	866	15718	8145	7573
70-74	17678	8325	9353	2058	951	1107	15620	7374	8246
75-79	19746	8436	11310	2233	970	1263	17513	7466	10047
80-84	15887	6614	9273	1856	744	1112	14031	5870	8161
85+	12438	4827	7611	1396	589	807	11042	4238	6804
UNKN.	115	64	51	8	6	2	107	58	49

TABLE 22A

MIGRATION 1961

SLOVENIA TO REST OF YUGOSLAVIA REST OF YUGOSLAVIA TO SLOVENIA

AGE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	4375	2180	2155	6291	3499	2792
0-4	368	176	192	472	241	231
5-9	378	208	170	352	202	150
10-14	212	107	105	241	114	127
15-19	472	162	310	760	341	419
20-24	824	373	451	1566	886	680
25-29	795	427	368	1156	764	392
30-34	554	302	252	635	380	255
35-39	342	231	111	367	224	143
40-44	109	69	40	170	98	72
45-49	60	34	26	105	64	41
50-54	61	27	34	121	62	59
55-59	50	21	29	123	43	80
60-64	48	13	35	104	38	66
65-69	36	8	28	52	16	36
70-74	30	11	19	24	10	14
75-79	24	8	16	22	10	12
80-84	5	0	5	16	4	12
85+	7	3	4	5	2	3

TABLE 23A

MIGRATION 1962

SLOVENIA TO REST OF YUGOSLAVIA REST OF YUGOSLAVIA TO SLOVENIA

AGE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	4010	2048	1962	6891	3882	3009
0-4	334	176	158	477	247	230
5-9	298	160	138	311	145	166
10-14	208	105	103	265	136	129
15-19	468	181	287	767	300	467
20-24	779	362	417	1614	918	696
25-29	740	439	301	1534	1080	454
30-34	474	264	210	731	442	289
35-39	286	166	120	400	234	166
40-44	116	66	50	193	116	77
45-49	60	37	23	126	68	58
50-54	56	24	32	136	67	69
55-59	63	26	37	126	65	61
60+	128	42	86	211	64	147

TABLE 24A

MIGRATION 1963

SLOVENIA TO REST OF YUGOSLAVIA REST OF YUGOSLAVIA TO SLOVENIA

AGE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	4148	2183	1965	8546	4865	3681
0-4	327	167	160	498	261	237
5-9	282	160	122	427	200	227
10-14	218	123	95	291	162	129
15-19	429	166	263	962	383	579
20-24	765	376	389	2056	1160	896
25-29	780	471	309	1965	1388	577
30-34	520	284	236	865	518	347
35-39	298	175	123	520	319	201
40-44	185	117	68	288	174	114
45-49	60	32	28	137	82	55
50-54	69	34	35	142	67	75
55-59	59	27	32	131	55	76